

Multi-CD/DVD control CD player  
with FM/AM tuner

ENGLISH

**PREMIER**

**SUPER TUNER III**

**Owner's Manual**

**DEX-P9**

This product conforms to CEMA cord colors.

**Pioneer**

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## Dear Customer:

Selecting fine audio equipment such as the unit you’ve just purchased is only the start of your musical enjoyment. Now it’s time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association’s Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion—and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing “comfort level” adapts to higher volumes of sound. So what sounds “normal” can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

### To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

### Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

## We Want You Listening For A Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association’s Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

### Decibel

Level	Example
30	Quiet library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet.

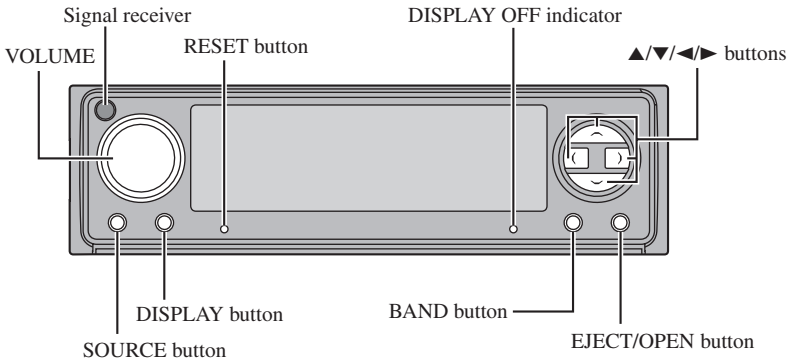
### THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE

90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock band concert in front of speakers, thunderclap
140	Gunshot blast, jet plane
180	Rocket launching pad

Information courtesy of the Deafness Research Foundation.

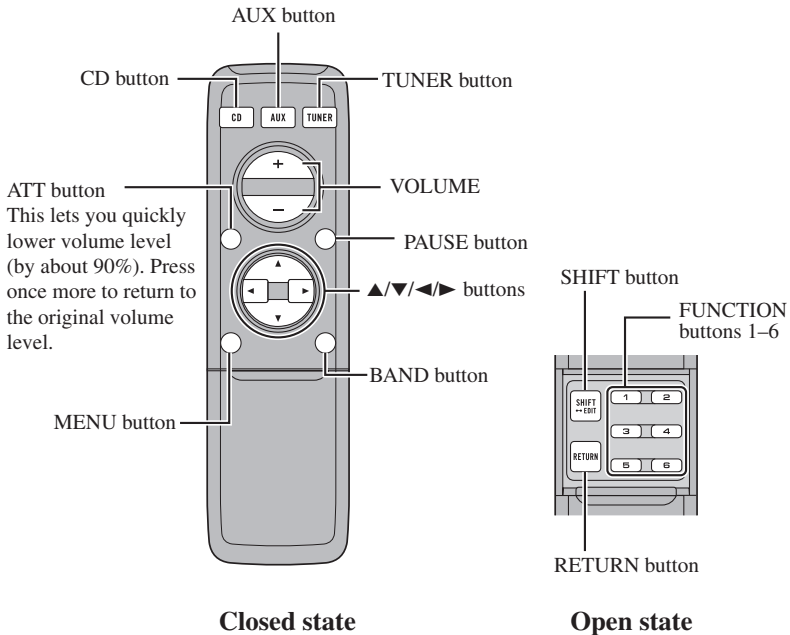


## Head Unit



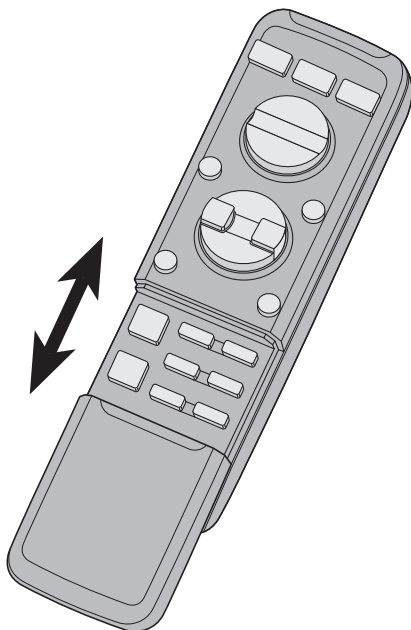
## Remote Controller

In this system, the available functions and the menu display vary depending on the condition of the remote controller in use. Opening the cover enables the SHIFT, RETURN and FUNCTION buttons 1–6 inside the unit. For more details, refer to the page 6.



## Opening and Closing the Remote Controller Cover

When the remote controller is opening the cover enables to operate the SHIFT, RETURN and FUNCTION buttons 1–6 inside the unit.



Menu displays with cover open and closed in this system, the available functions and the menu display vary depending on the condition of the remote controller in use.

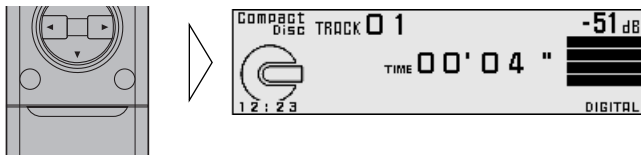
Remote Controller	Menu display
Cover closed	Closed State
Cover open	Open State

## When the Cover is Closed

Closing the cover of the remote controller makes the menu display to the closed state.

### Menu display in closed state

Example: Built-in CD Screen



#### Note:

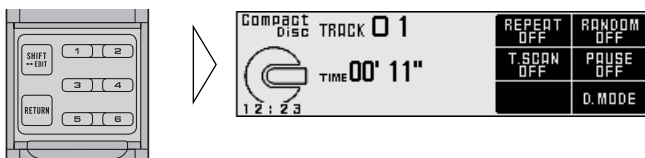
- Menu display in closed state: Current mode and functions which are ON are displayed.

## When the Cover is Open

Opening the cover of the remote controller makes the menu display to the open state.

### Menu display in open state

Example: Built-in CD Setting Screen



#### Note:

- Positions of menu items on the display correspond to the positions of FUNCTION buttons 1–6.
- Menu display in open state: Using FUNCTION buttons 1–6, operable functions are displayed.

### When the cover is closed in the middle of operation

- Closing the cover during operation releases the previous operation and returns the menu display to the closed mode.



## Using the Remote Controller

This product is equipped with a remote controller.

You can perform some operations with the head unit, however, most of operations can be conducted with the remote controller.

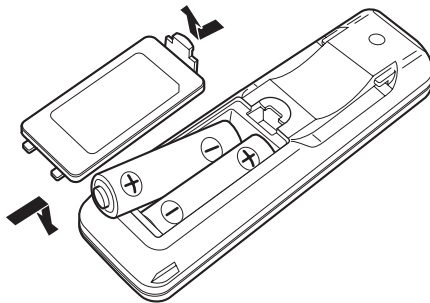
- Point the remote controller in the direction of the signal receiver to operate.
- When the remote controller is not in use, attach it firmly to the provided mounting base.

### Precaution:

- Do not store the remote controller in high temperatures or direct sunlight.
- The remote controller may not function properly in direct sunlight.
- Do not let the remote controller fall onto the floor, where it may become jammed under the brake or accelerator pedal.

## Batteries

- Remove the cover on the back of the remote controller and insert the batteries with the (+) and (-) poles pointing in the proper direction.



### Precaution:

- Use only AAA or IEC R03 1.5 V batteries.
- Remove the batteries if the remote controller is not used for a month or longer.
- Do not attempt to recharge the supplied batteries.
- Do not mix new and used batteries.
- In the event of battery leakage, wipe the remote controller completely clean and install new batteries.
- When disposing of used batteries, please comply with governmental regulations or environmental public institution's rules that apply in your country/area.

# *Before Using This Product*

## **About This Product**

The tuner frequencies on this product are allocated for use in North America. Use in other areas may result in improper reception.

## **About This Manual**

This product features a number of sophisticated functions ensuring superior reception and operation. All are designed for the easiest possible use, but many are not self-explanatory. This operation manual is intended to help you benefit fully from their potential and to maximize your listening enjoyment.

We recommend that you familiarize yourself with the functions and their operation by reading through the manual before you begin using this product. It is especially important that you read and observe the “Precaution” on page 10 and in other sections.

This manual mainly explains the remote controller operation. In some functions, you can perform the same operations with the head unit, however, the remote controller offers a number of buttons such as ATT, PAUSE, SHIFT, MENU, RETURN and FUNCTION buttons 1–6 which are not provided on the head unit. And most of operations can be conducted with the remote controller.

## **Important**

The serial number of this device is located on the bottom of this product. For your own security and convenience, be sure to record this number on the enclosed warranty card.

## Precaution

**CAUTION: USE OF CONTROL OR ADJUSTMENT OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.**

**CAUTION: THE USE OF OPTICAL INSTRUMENTS WITH THIS PRODUCT WILL INCREASE EYE HAZARD.**

- Keep this manual handy as a reference for operating procedures and precautions.
- Always keep the volume low enough for outside sounds to be audible.
- Protect the product from moisture.
- If the battery is disconnected, the preset memory will be erased and must be reprogrammed.

## Resetting the Microprocessor

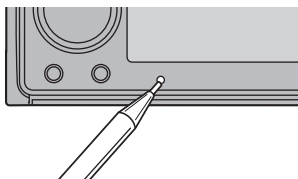
The microprocessor must be reset under the following conditions:

When using this product for the first time after installation.

When the machine fails to operate properly.

When strange (incorrect) messages appear on the display.

- **To reset the microprocessor, press the RESET button on the head unit with a pen tip or other pointed instrument.**



### **After-sales Service for Pioneer Products**

Please contact the dealer or distributor from where you purchased the product for its after-sales service (including warranty conditions) or any other information. In case the necessary information is not available, please contact the companies listed below:

Please do not ship your product to the companies at the addresses listed below for repair without advance contact.

#### ■ **U.S.A.**

Pioneer Electronics Service, Inc.  
CUSTOMER SERVICE  
DEPARTMENT  
P.O. Box 1760  
Long Beach, CA 90801  
800-421-1404

#### ■ **CANADA**

Pioneer Electronics of Canada, Inc.  
CUSTOMER SATISFACTION  
DEPARTMENT  
300 Allstate Parkway  
Markham, Ontario L3R OP2  
(905) 479-4411  
1-877-283-5901

For warranty information please see the Limited Warranty sheet included with your product.

## About the XM READY mark



The “XM READY” mark printed on the front panel of this product indicates that the Pioneer XM tuner (sold separately) can be controlled using this product. Please inquire of your dealer or nearest authorized Pioneer service station regarding the XM tuner that can be connected to this product. For operation of the XM tuner, refer to the XM tuner owner’s manual.

**Note:**

- The XM Satellite Radio is developing a new band of radio in the U.S.A.



The system will use direct satellite-to-receiver broadcasting technology to provide listeners in their cars and at home with crystal-clear sound seamlessly from coast to coast. XM will create and package up to 100 channels of digital-quality music, news, sports, talk and children’s programming.

- When this product is connected to the XM tuner, only one external unit can be connected. (Refer to page 23.)

# Detaching and Replacing the Front Panel

## Theft Protection

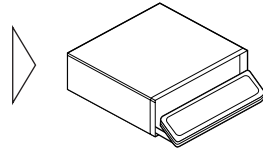
The front panel of the head unit is detachable to discourage theft.

### Precaution:

- Never use force or grip the display tightly when removing or replacing the front panel.
- Avoid subjecting the front panel to excessive shocks.
- Keep the front panel out of direct sunlight and high temperatures.

## Detaching the Front Panel

### 1. Open the front panel.

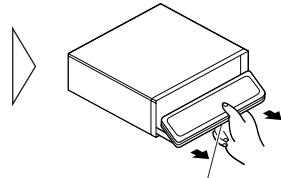


### Precaution:

- A few seconds after turning the ignition switch to ON/OFF, the front panel automatically moves. When this happens, your fingers may become jammed in the panel, so keep your hands away from it.

### 2. Slide and remove the front panel toward you.

Take care not to grip the front panel tightly or drop it.

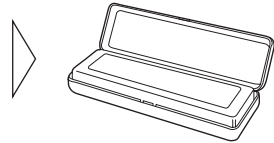


Release Section

### Note:

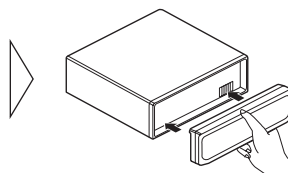
- When removing the front panel, be sure to hold the corrugated release section on the rear of the front panel while pulling.

### 3. Use the protective case provided to store/carry the detached front panel.



## Replacing the Front Panel

1. Make sure the inner cover is closed.
2. Replace the front panel by clipping it into place.



## Warning Tone

If the front panel is not detached within 5 seconds after the ignition is turned off, a warning tone will sound.

### **Note:**

- You can cancel the Warning Tone function. (Refer to page 21.)

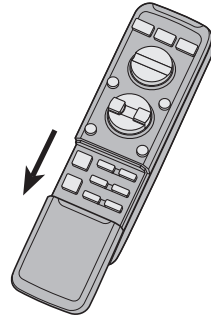
## Setting Up the Environment for Use

Choose the way to use the head unit, including adjustment of clock and selection of wallpaper. Some functions are not available unless their setting is selected. Set up the environment to suit the system to be used.

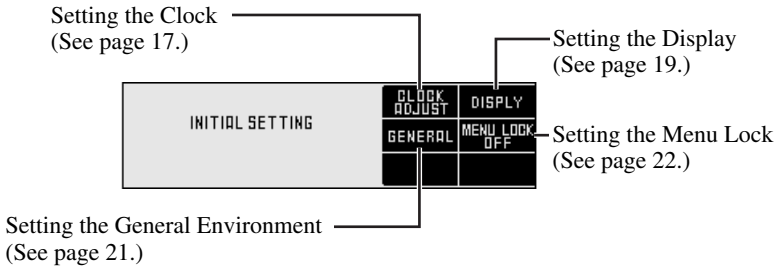
## Operation at the Initial Setting Screen

### Accessing the Initial Setting Screen

1. Open the cover of the remote controller.
2. Press the **SHIFT** button.  
This switches to Initial Setting Screen.
3. Select the function by pressing the **FUNCTION** buttons 1–4.



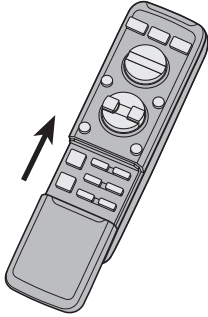
### ■ Initial Setting Screen





## Exit from the Initial Setting Screen

- Close the cover of the remote controller.



## Setting the Clock

### Switching to the Clock Adjustment Screen

- Press the **FUNCTION** button **1** on Initial Setting Screen.

This switches to Clock Adjustment Screen and enables clock setting.



### Setting the Clock

1. Press the **</>** buttons and move the cursor to the section (hour, minute) to be adjusted.

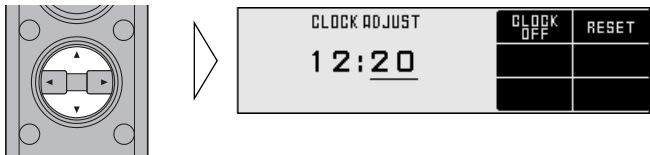


2. Press the **▲/▼** buttons to set the clock.

Holding these buttons down extends the operations continuously.

#### Note:

- Seconds are not displayed. However, when releasing the buttons after setting the time, the clock starts from zero second.



## Setting the Clock by Time Signal

- Press the **FUNCTION** button 2 on Clock Adjustment Screen to reset the minute display.

As the clock starts from zero seconds when pressing the button, the clock can be set using the time signal (radio, telephone, etc).

### Note:

- From 00 to 29 minutes, the hour remains the same, making the minute display “00”. From 30 to 59 minutes, it is rounded up to the next hour.



The minute display is reset to 00.

## Off Clock

When the sources are OFF, the Time appears on the display.

- Press the **FUNCTION** button 1 on Clock Adjustment Screen switches the Clock Display ON/OFF.



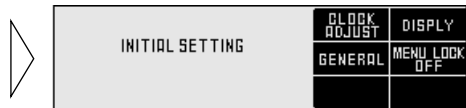
### Note:

- When the display shows the operation screen of each source, the clock time is always displayed on the screen.

## Returns to the Initial Setting Screen

- Press the **RETURN** button.

The display returns to Initial Setting Screen.

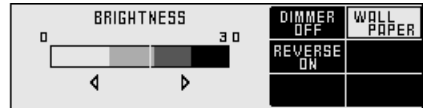
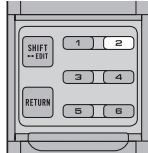


## Setting the Display

### Switching to the Display Setting Screen

- Press the **FUNCTION button 2** on Initial Setting Screen.

This switches to Display Setting Screen and enables display setting.

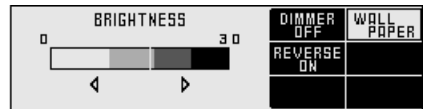


### Setting the Brightness

If it is hard to read the display, you can adjust the brightness for better legibility.

- Press the **◀/▶** buttons on Display Setting Screen adjusts the brightness.

The display shows “0” – “30”.

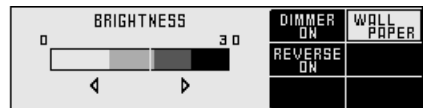


### Setting the Dimmer

To enable this product’s display from being too bright at night, when the vehicle’s head lights are turned ON the display is dimmed.

You can switch this function ON/OFF.

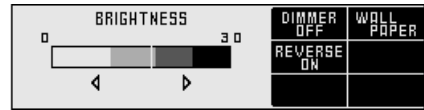
- Press the **FUNCTION button 1** on Display Setting Screen switches the Dimmer ON/OFF.



## Selecting the Wallpaper

This product is equipped with three types of wallpaper.

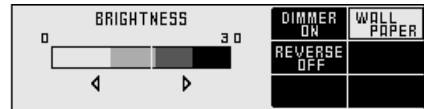
- Press the **FUNCTION button 2** on Display Setting Screen switches the Wallpaper.



## Selecting the Reverse Mode

If you do not perform an operation within about 30 seconds, screen indications start to reverse, and then continue reversing every 10 seconds. The initial setup is Reverse Mode ON.

- Press the **FUNCTION button 3** on Display Setting Screen switches the Reverse Mode ON/OFF.



## Returns to the Initial Setting Screen

- Press the **RETURN button**.  
The display returns to Initial Setting Screen.

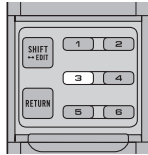


## Setting the General Environment

### Switching to the General Environment Setting Screen

- Press the **FUNCTION** button 3 on Initial Setting Screen.

This switches to General Environment Setting Screen and enables general environment setting.



GENERAL SETTING	AUX OFF	DETACH.W OFF
	BEEP TONE ON	

### Switching the AUX Mode

It is possible to use auxiliary (AUX) equipment with this product.

Activate the AUX mode when using external equipment with this product.

- Press the **FUNCTION** button 1 on General Environment Setting Screen switches the AUX ON/OFF.



GENERAL SETTING	AUX OFF	DETACH.W OFF
	BEEP TONE ON	

### Setting the Warning Tone

You can switch the Warning Tone function ON/OFF. (Refer to “Warning Tone” on page 14.)

- Press the **FUNCTION** button 2 on General Environment Setting Screen switches the Warning Tone ON/OFF.



GENERAL SETTING	AUX OFF	DETACH.W OFF
	BEEP TONE ON	

## Turning the Confirmation Sound ON/OFF

The beep that sounds when buttons are pressed can be enabled or disabled (ON/OFF). The initial setting is ON.

- Press the **FUNCTION** button 3 on **General Environment Setting** Screen switches the **Confirmation Sound ON/OFF**.

GENERAL SETTING	AUX OFF	DETACH.W OFF
	BEEP TONE ON	

## Returns to the Initial Setting Screen

- Press the **RETURN** button.  
The display returns to Initial Setting Screen.

INITIAL SETTING	CLOCK ADJUST	DISPLY
	GENERAL	MENU LOCK OFF

## Setting the Menu Lock

### About the Menu Lock

If you switch the Menu Lock ON, it is possible to refuse the opened remote controller operation to adjust the Audio Adjustment.

It is useful when you do not want to readjust the data by mistake.

### Switching to the Menu Lock ON/OFF

It is possible to switch ON/OFF the Menu Lock.

- Press the **FUNCTION** button 4 on **Initial Setting** Screen switches the **Menu Lock ON/OFF**.

INITIAL SETTING	CLOCK ADJUST	DISPLY
	GENERAL	MENU LOCK OFF

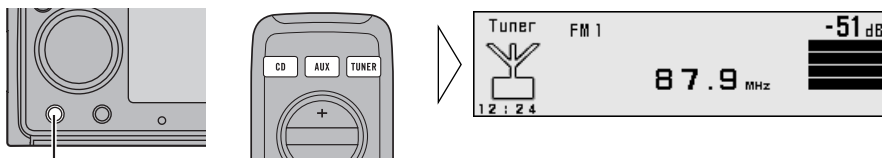
## To Listen to Music

The following explains the initial of operations required before you can listen to music.

### Note:

- Loading a disc in this product. (Refer to page 40.)

### 1. Select the desired source (e.g. tuner).



Each press changes the Source ...

### ■ Head Unit

Each press of the SOURCE button selects the desired source in the following order:

- Built-in CD player → Multi-CD player → DVD player → TV → Tuner
- DAB (Digital Audio Broadcasting) Tuner → External Unit 1 → External Unit 2
- AUX

### ■ Remote Controller

Each press of the button selects the desired source in the following order:

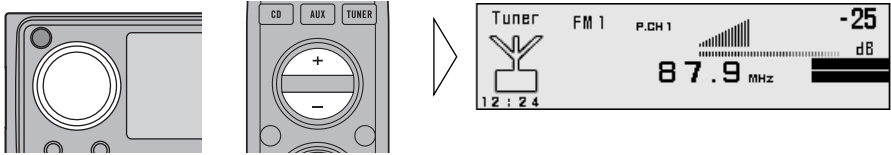
- CD button : Built-in CD player → Multi-CD player → DVD player → OFF
- AUX button : External Unit 1 → External Unit 2 → AUX → OFF
- TUNER button : TV → Tuner → DAB (Digital Audio Broadcasting) Tuner → OFF

### Note:

- External Unit refers to a Pioneer product (such as one available in the future) that, although incompatible as a source, enables control of basic functions by this product. Two External Units can be controlled by this product, although “External” is displayed whether you select External Unit 1 or External Unit 2. When two External Units are connected, the allocation of them to External Unit 1 or External Unit 2 is automatically set by this product.
- In the following cases, the sound source will not change:
  - \* When a product corresponding to each source is not connected to this product.
  - \* No disc is set in this product.
  - \* No magazine is set in the Multi-CD player.
  - \* No magazine is set in the Multi-DVD player.
  - \* AUX (external input) is set to OFF. (Refer to page 21.)
- When this product’s blue/white lead is connected to the car’s Auto-antenna relay control terminal, the car’s Auto-antenna extends when this product’s source is switched ON. To retract the antenna, switch the source OFF.



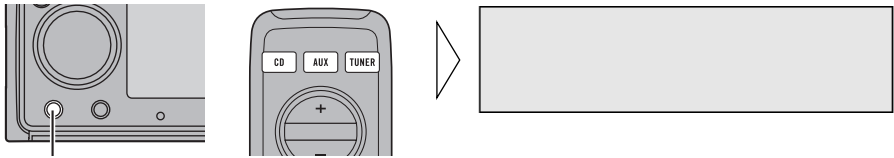
## 2. Raise or lower the volume.



The display shows “--- dB” – “00 dB”.

## Switching Power OFF

- Turn the source OFF.



Hold for 1 second

### ■ Head Unit

To switch the sources OFF, hold down the SOURCE button for 1 second.

### ■ Remote Controller

Press the button and select the source OFF.

CD button : Built-in CD player → Multi-CD player → DVD player → OFF

AUX button : External Unit 1 → External Unit 2 → AUX → OFF

TUNER button : TV → Tuner → DAB (Digital Audio Broadcasting) Tuner → OFF

## Basic Operation of Tuner

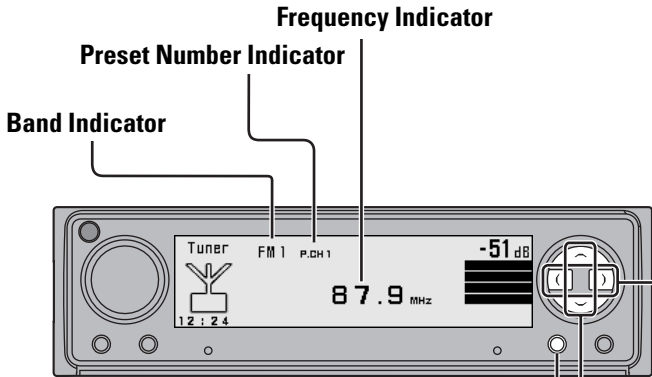
### Manual and Seek Tuning

- You can select the tuning method by changing the length of time you press the ◀/▶ button.

Manual Tuning (step by step)	0.5 seconds or less
Seek Tuning	0.5 seconds or more

#### Note:

- If you continue pressing the button for longer than 0.5 seconds, you can skip broadcast stations. Seek Tuning starts as soon as you release the button.
- Stereo indicator “◉” lights when a stereo station is selected.



**Band**  
FM-1 → FM-2 → FM-3 → AM

#### Preset Tuning

You can recall memorized stations by ▲/▼ buttons.

## Operation at the Tuner Setting Screen

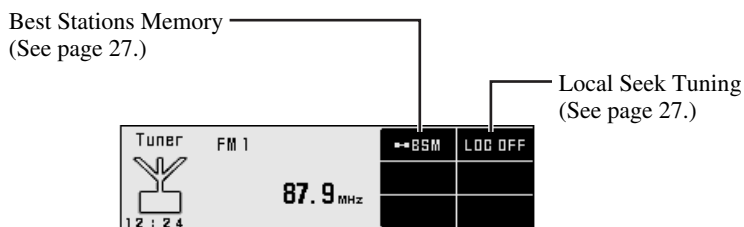
### Accessing the Tuner Setting Screen

**1. Open the cover of the remote controller.**

This switches to the Tuner Setting Screen.

**2. Select the function by pressing the FUNCTION buttons 1–2.**

#### ■ Tuner Setting Screen



### Exit from the Tuner Setting Screen

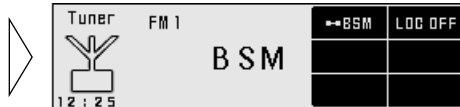
- To return to Tuner Screen, close the cover of the remote controller.

## Operating Each function

### Best Stations Memory

The BSM (Best Stations Memory) function stores stations in memory automatically.

- Press the **FUNCTION button 1** for two seconds on **Tuner Setting Screen** switches the **Best Stations Memory (BSM) ON**.



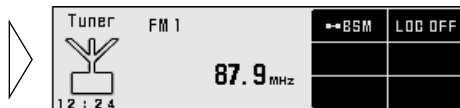
The stations with the strongest signals will be stored under **FUNCTION buttons 1–6** and in order of their signal strength.

- To cancel the process, press the **FUNCTION button 1** again before memorization is complete.

### Local Seek Tuning

When Local mode is ON ("LOC.S" displays), you can only select broadcast stations providing strong reception.

- Press the **FUNCTION button 2** on **Tuner Setting Screen** switches the **Local sensitivity**.



The Local sensitivity switches as follows:

FM : LOC 1 → LOC 2 → LOC 3 → LOC 4 → LOC OFF

AM : LOC 1 → LOC 2 → LOC OFF

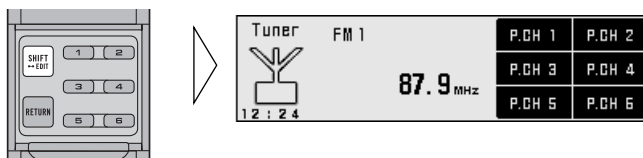
#### Note:

- The LOC 4 setting allows reception of only the strongest stations, while lower settings let you receive progressively weaker stations.

## Switching to the Preset Tuning Screen

- Press the **SHIFT** button on Tuner Setting Screen.

This switches to Preset Tuning Screen and enables to preset the stations.



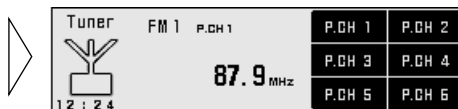
- To return to Tuner Setting Screen, press the **SHIFT** button again.

## Preset Tuning

You can memorize broadcast stations in FUNCTION button 1 through 6 for easy, one-touch station recall.

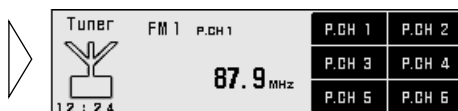
### ■ Broadcast station preset memory

- Press the **FUNCTION** button 1 through 6 for two seconds on Preset Tuning Screen to memorize the broadcast stations in corresponding buttons.



### ■ Preset broadcast station recall

- Press the **FUNCTION** button 1 through 6 on Preset Tuning Screen to recall the broadcast stations memorized in corresponding buttons.



### Note:

- Up to 18 FM stations (6 in FM-1, FM-2 and FM-3) and 6 AM stations can be stored in memory.

## Basic Operation of Built-in CD Player

### Eject

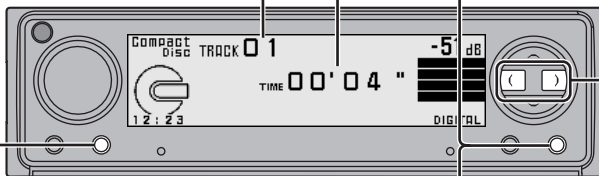
Press the EJECT/OPEN button one time, the front panel opens and then the disc is ejected.  
In case of opening the front panel, you can just eject a CD.

#### Note:

- The CD function can be turned ON/OFF with the disc remaining in this product. (Refer to page 23.)
- A disc left partially inserted after ejection may incur damage or fall out.
- You can eject the CD by pressing and holding EJECT/OPEN button with opening the front panel when the CD loading or ejecting cannot operate properly.

### Track Number Indicator

### Play Time Indicator



### Switching the Display (only for CD TEXT Discs)

Each press of the DISPLAY button changes the display in the following order:

Play Time    ▶    Play Time    ▶    Play Time    ▶    Play Time  
Disc Title    ▶    Disc Artist    ▶    Track Title    ▶    Track Artist

With text longer than 20 letters, you can scroll to see the rest of the text by pressing the DISPLAY button for 2 seconds.

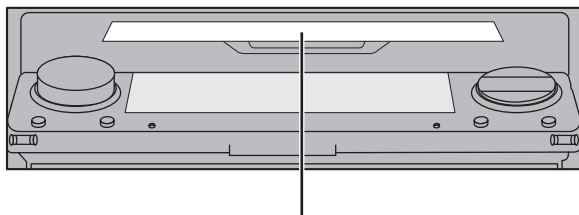
#### Note:

- A CD TEXT disc is a CD featuring recorded text information such as Disc Title, Artist Name and Track Title.
- If certain text information is not recorded on a CD TEXT disc, "No ~" (e.g. "No Title") is displayed.

## Track Search and Fast Forward/Reverse

- You can select between Track Search or Fast Forward/Reverse by pressing the ◀▶ button for a different length of time.

Track Search	0.5 seconds or less
Fast Forward/Reverse	Continue pressing



### CD Loading Slot

If a CD is inserted, the front panel is closed automatically. The Built-in CD player plays one standard 12 cm or 8 cm (single) CD at a time. Do not use an adapter when playing 8 cm CD.

#### Note:

- If a disc cannot be inserted fully or playback fails, make sure the recorded side is down. Push the EJECT/OPEN button and check the disc for damage before reinserting it.
- If the Built-in CD player cannot operate properly, an error message (such as “ERROR-14”) appears on the display. Refer to “Built-in CD Player’s Error Message” on page 67.
- Do not insert anything other than a CD into the CD Loading Slot.

## Open

Press the EJECT/OPEN button for 2 seconds, and you can open the front panel without ejecting a CD.

In case of opening the front panel, you can close it.

### WARNING:

- Do not use with the front panel left open. If you do leave it open, it may result in injury in the event of an accident.

## Operation at the Built-in CD Setting Screen

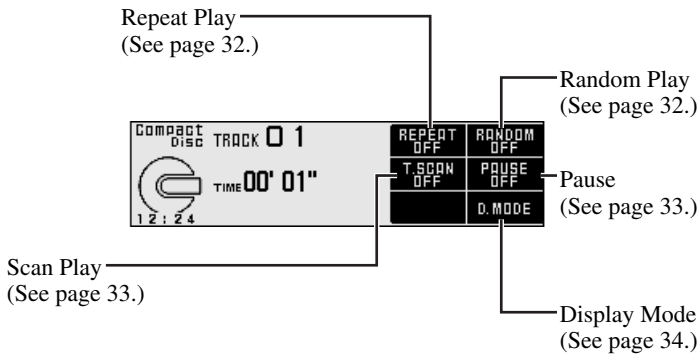
### Accessing the Built-in CD Setting Screen

**1. Open the cover of the remote controller.**

This switches to the Built-in CD Setting Screen.

**2. Select the function by pressing the FUNCTION buttons 1, 2, 3, 4 and 6.**

■ **Built-in CD Setting Screen**



### Exit from the Built-in CD Setting Screen

- To return to Built-in CD Screen, close the cover of the remote controller.

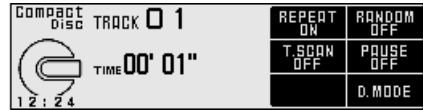


## Operating Each function

### Repeat Play

Repeat Play plays the same track repeatedly.

- Press the **FUNCTION** button 1 on Built-in CD Setting Screen switches the Repeat Play ON/OFF.



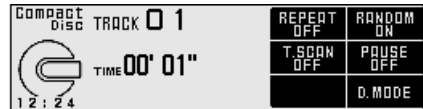
#### Note:

- If you perform Track Search or Fast Forward/Reverse, Repeat Play is automatically canceled.

### Random Play

Random Play plays the tracks on a CD in random order for variety.

- Press the **FUNCTION** button 2 on Built-in CD Setting Screen switches the Random Play ON/OFF.

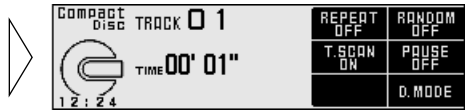


# Built-in CD Player Operation

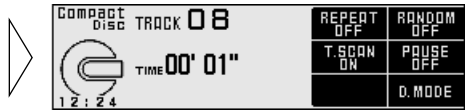
## Scan Play

Scan Play plays the first 10 seconds or so of each track on a CD in succession.

1. Press the **FUNCTION** button 3 on Built-in CD Setting Screen switches the Scan Play ON.



2. When you find the desired track, cancel the Scan Play with the **FUNCTION** button 3.



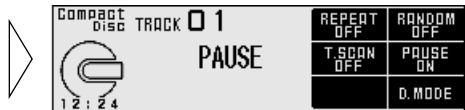
### Note:

- Scan Play is canceled automatically after all the tracks on a disc have been scanned.

## Pause

Pause pauses the currently playing track.

- Press the **FUNCTION** button 4 on Built-in CD Setting Screen switches the Pause ON/OFF.



### Note:

- You can also switch the Pause function ON/OFF by pressing the PAUSE button on the remote controller.

## Changing the Display Mode

- Press the **FUNCTION** button 6 on Built-in CD Setting Screen switches the Display Mode in the following order:

Normal Display ↔ Simple Display



## Disc Title Input

You can input up to 48 disc titles for CDs in the Built-in CD player. (Refer to “Disc Title Input” on page 40 under “Multi-CD Player Operation”.)

### **Note:**

- After the title for 48 discs have been entered, data for a new disc will overwrite the oldest one.
- If you connect a Multi-CD player, you can input disc titles for up to 100 discs.
- When playing a CD TEXT disc on this product, you cannot switch to this mode.
- When a multi-CD player that does not support disc title functions is connected, you cannot enter disc titles in this product.

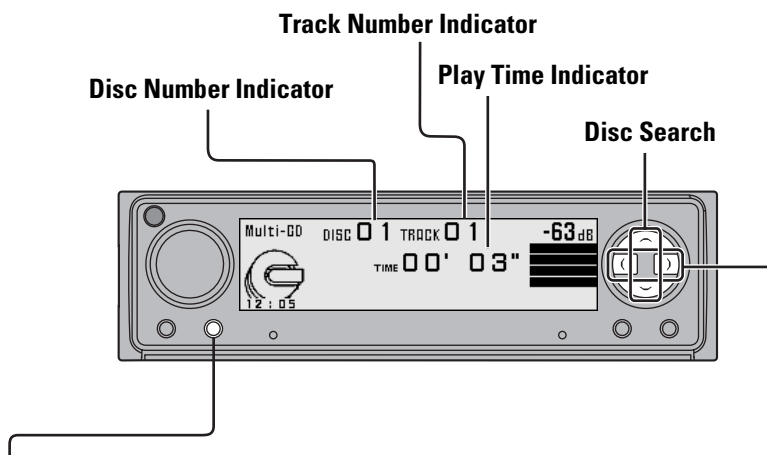
## Basic Operation of Multi-CD Player

This product can control a Multi-CD player (sold separately).

### Track Search and Fast Forward/Reverse

- You can select between Track Search or Fast Forward/Reverse by pressing the ◀▶ button for a different length of time.

Track Search	0.5 seconds or less
Fast Forward/Reverse	Continue pressing



### Switching the Display (When playing a CD TEXT disc on a CD TEXT compatible Multi-CD Player)

Each press of the DISPLAY button changes the display in the following order:

Play Time   ▶  Play Time   ▶  Play Time   ▶  Play Time  
Disc Title   ▶  Disc Artist   ▶  Track Title   ▶  Track Artist

With text longer than 20 letters, you can scroll to see the rest of the text by pressing the DISPLAY button for 2 seconds.

#### Note:

- A CD TEXT disc is a CD featuring recorded text information such as Disc Title, Artist Name and Track Title.
- If certain text information is not recorded on a CD TEXT disc, "No ~" (e.g. "No Title") is displayed.

## Operation at the Multi-CD Setting Screen

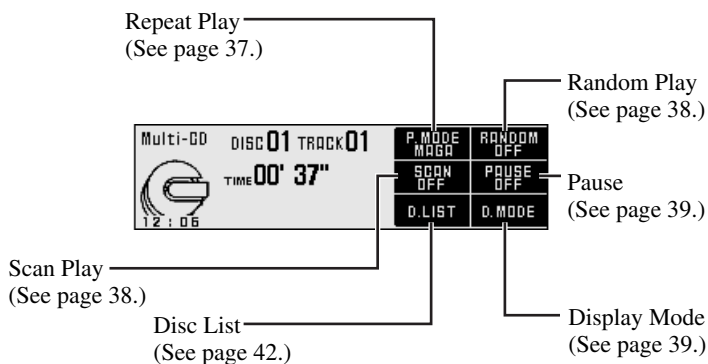
### Accessing the Multi-CD Setting Screen

**1. Open the cover of the remote controller.**

This switches to the Multi-CD Setting Screen.

**2. Select the function by pressing the FUNCTION buttons 1–6.**

#### ■ Multi-CD Setting Screen



### Exit from the Multi-CD Setting Screen

- To return to Multi-CD Screen, close the cover of the remote controller.

## Operating Each function

### Repeat Play

There are three repeat play ranges: One-track Repeat, Disc Repeat and Multi-CD player Repeat. Default repeat play range is Multi-CD player Repeat.

- Press the **FUNCTION** button 1 on Multi-CD Setting Screen switches the repeat play range as follows:



MAGA → REPEAT → D.REPEAT

### ■ Play Mode

Display	Play range
MAGA	Multi-CD player Repeat
REPEAT	One-Track Repeat
D.REPEAT	Disc Repeat

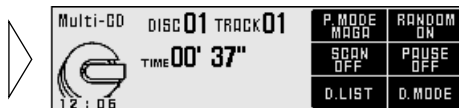
#### Note:

- If you select other discs during the repeat play, the repeat play range changes to Multi-CD player Repeat.
- If you perform Track Search or Fast Forward/Reverse during One-track Repeat, the repeat play range changes to Disc Repeat.

## Random Play

Tracks are played at random within the selected repeat play range as explained in “Repeat Play” on page 37.

- Press the **FUNCTION** button 2 on Multi-CD Setting Screen switches the Random Play ON/OFF.



After selecting the desired repeat play range from those referred to in “Repeat Play” on page 37, switch Multi-CD Player Random Play ON.

### Note:

- One-track Repeat changes to the Disc Repeat when you switch the Random Play ON.

## Scan Play

In the Disc Repeat, the beginning of each track on the selected disc is scanned for about 10 seconds. In the Multi-CD player Repeat, the beginning of the first track on each disc is scanned for about 10 seconds.

1. Press the **FUNCTION** button 3 on Multi-CD Setting Screen switches the Scan Play ON.

After selecting the desired repeat play range from those referred to in “Repeat Play” on page 37, switch Multi-CD Player Scan Play ON.

2. When you find the desired track (or disc), cancel the Scan Play with the **FUNCTION** button 3.



Display	Play range
T. Scan	Disc Repeat
D. Scan	Multi-CD player Repeat

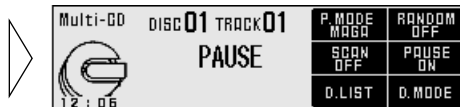
### Note:

- Scan Play is canceled automatically after all the tracks or discs have been scanned.
- One-track Repeat changes to the Disc Repeat when you switch the Scan Play ON.

## Pause

Pause pauses the currently playing track.

- Press the **FUNCTION button 4** on Multi-CD Setting Screen switches the Pause ON/OFF.



### Note:

- You can also switch the Pause function ON/OFF by pressing the PAUSE button on the remote controller.

## Changing the Display Mode

- Press the **FUNCTION button 6** on Multi-CD Setting Screen switches the Display Mode in the following order:

Normal Display ↔ Simple Display



## Disc Number Search

You can select discs directly with the FUNCTION buttons 1–6. Just press the number corresponding to the disc you want listen to.

1. Press the **SHIFT button** on Multi-CD Setting Screen.

This switches to disc number search screen and enables select the disc.



2. Select the desired disc with the FUNCTION button 1 through 6.

- When a 12-Disc Multi-CD Player is connected and you want to select disc 7 to 12, press the SHIFT button again on the disc number search screen.



## Disc Title

### Disc Title Input

You can input Titles up to 20 letters long for up to 100 discs. Using this function lets you easily search for and select a desired disc for play.

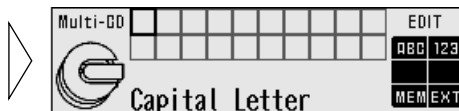
**Note:**

- You can input Titles up to 10 letters long depending on the combined Multi-CD player.

#### 1. Play the disc you wish to input the disc title.

#### 2. Press the SHIFT button for two seconds on the Multi-CD Setting Screen.

This switches to disc title input screen.



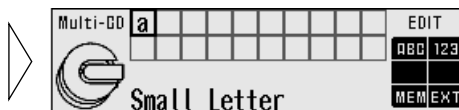
**Note:**

- If you press the SHIFT button for 2 seconds on disc number search screen or disc title list screen, this switches to disc title input screen.
- When playing a CD TEXT disc on a CD TEXT compatible Multi-CD player, you cannot switch to this mode.
- A CD TEXT disc is a CD featuring recorded text information such as Disc Title, Artist Name and Track Title.

#### 3. Switch the desired character type with FUNCTION button 1.

Each press of FUNCTION button 1 changes the Character type in the following order:

Upper case alphabet (Capital Letter),  
Numbers and Symbols → Lower case  
alphabet (Small Letter)

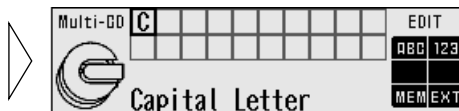


**Note:**

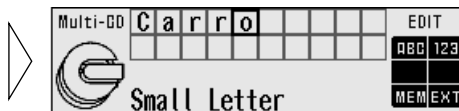
- You can select to input Numbers and Symbols by pressing FUNCTION button 2.

#### 4. Select letters, numbers and symbols with the ▲/▼ buttons.

To insert a space, skip the box with the ► button.



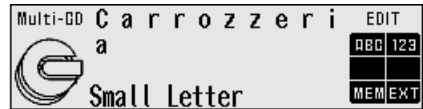
#### 5. Move the box left and right with the ◀/▶ buttons.



Continued overleaf.

## Multi-CD Player Operation

- When you have completed title input, memorize by pressing the **FUNCTION** button 5.



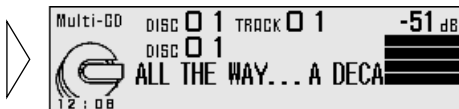
### Note:

- Titles remain in memory, even after the disc has been removed from the magazine, and are recalled when the disc is reinserted.
  - After the titles for 100 discs have been entered, data for a new disc will overwrite the oldest one.
- To return to Multi-CD Setting Screen, press the **FUNCTION** button 6.

## Selecting Discs by Disc Title List

Follow the procedures below to play a disc for which you have input the title in a Multi-CD player or a CD TEXT disc on a CD TEXT compatible Multi-CD player.

1. Press the **FUNCTION** button 5 on Multi-CD Setting Screen switches the disc title list screen.

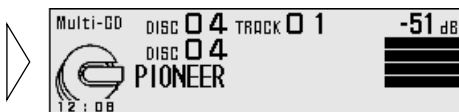


2. Select the desired disc title with the **◀/▶** buttons.

When no disc is set in the magazine (disc tray), the disc number is automatically skipped.



3. Play the selected disc with the **▲** button.



- To return to Multi-CD Setting Screen, press the **RETURN** button.

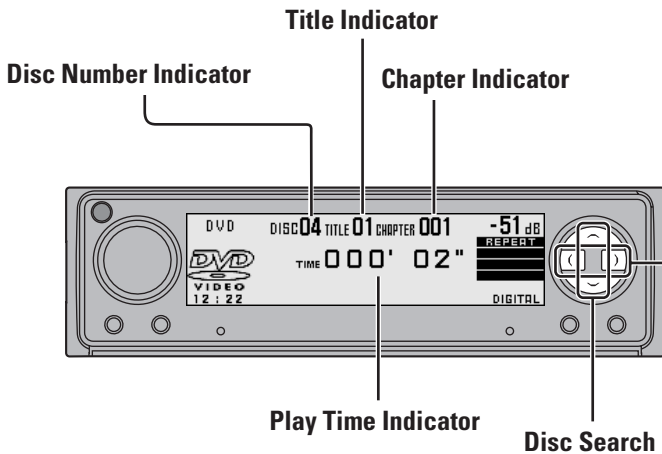
## Basic Operation of DVD Player

This product can control a DVD player (sold separately).

### Chapter (Track) Search and Fast Forward/Reverse

- You can select between Chapter (Track) Search or Fast Forward/Reverse by pressing the ◀▶ button for a different length of time.

Chapter (Track) Search	0.5 seconds or less
Fast Forward/Reverse	Continue pressing



## Operation at the DVD Setting Screen

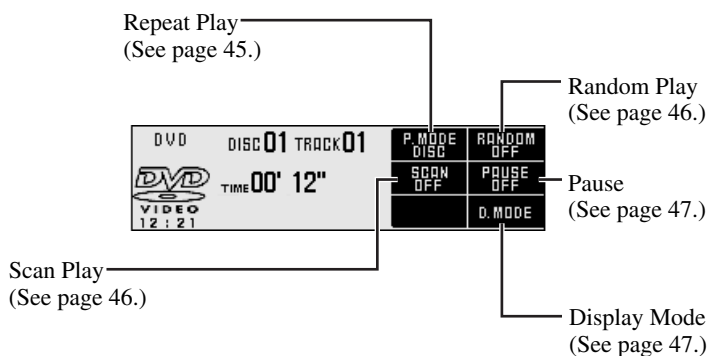
### Accessing the DVD Setting Screen

**1. Open the cover of the remote controller.**

This switches to DVD Setting Screen.

**2. Select the function by pressing the FUNCTION buttons 1, 2, 3, 4 and 6.**

#### ■ DVD Setting Screen



### Exit from the DVD Setting Screen

- To return to DVD Screen, close the cover of the remote controller.

## Operating Each function

### Repeat Play

You can select the desired repeat mode play range from the chapter (track), title or disc currently in play.

- Press the **FUNCTION** button 1 on DVD Setting Screen switches the repeat play range as follows:



When DVD player is playing DVD : DISC → CHAPTER → TITLE

When DVD player is playing CDs : DISC → REPEAT

### ■ DVD

Display	Play range
DISC	Disc Repeat
CHAPTER	Chapter Repeat
TITLE	Title Repeat

### ■ Video-CD and CD

Display	Play range
DISC	Disc Repeat
REPEAT	Track Repeat

#### Note:

- If you select other discs during the repeat play, the repeat play range changes to Disc Repeat.
- If you perform Chapter (Track) Search or Fast Forward/Reverse during Title Repeat or Chapter Repeat, the repeat play range changes to Disc Repeat.

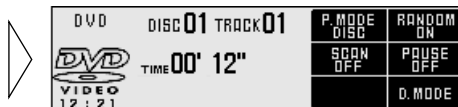
## Random Play

### Operable only when DVD Player is playing CDs.

Random Play plays the tracks on a CD in random order for variety.

- Press the **FUNCTION** button 2 on DVD Setting Screen switches the **Random Play ON/OFF**.

After selecting the desired repeat play range from those referred to in “Repeat Play” on page 45, switch DVD Player Random play ON.



## Scan Play

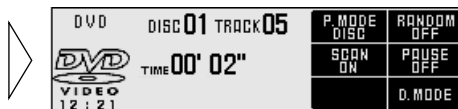
### Operable only when DVD Player is playing CDs.

Scan Play plays the first 10 seconds or so of each track on a CD in succession.

1. Press the **FUNCTION** button 3 on DVD Setting Screen switches the **Scan Play ON**.



2. When you find the desired track, cancel the Scan Play with the **FUNCTION** button 3.



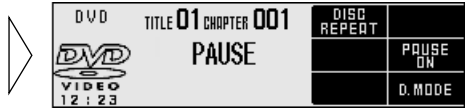
#### Note:

- Scan Play is canceled automatically after all the tracks on a discs have been scanned.

## Pause

Pause pauses the currently playing track.

- Press the **FUNCTION button 4** on DVD Setting Screen switches the **Pause ON/OFF**.



### Note:

- You can also switch the Pause function ON/OFF by pressing the PAUSE button on the remote controller.

## Changing the Display Mode

- Press the **FUNCTION button 6** on DVD Setting Screen switches the **Display Mode** in the following order:

Normal Display ↔ Simple Display

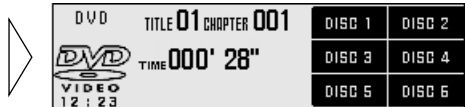


## Disc Number Search

You can select discs directly with the FUNCTION buttons 1–6. Just press the number corresponding to the disc you want listen to.

1. Press the **SHIFT button** on DVD Setting Screen.

This switches to disc number search screen and enables select the disc.



2. Select the desired disc with the **FUNCTION button 1** through **6**.

## Disc Title Input

You can input up to 100 disc titles for CDs in the DVD player. (Refer to “Disc Title Input” on page 40 under “Multi-CD Player Operation”.)

### Note:

- After the title for 100 discs have been entered, data for a new disc will overwrite the oldest one.
- You can input Titles up to 10 letters long.



## Basic Operation of DAB Tuner

This product can control a DAB Tuner (sold separately).

**Note:**

- DAB (digital audio broadcasting) refers to digital radio that broadcasts in Canada.

### Selecting the Ensemble or Service

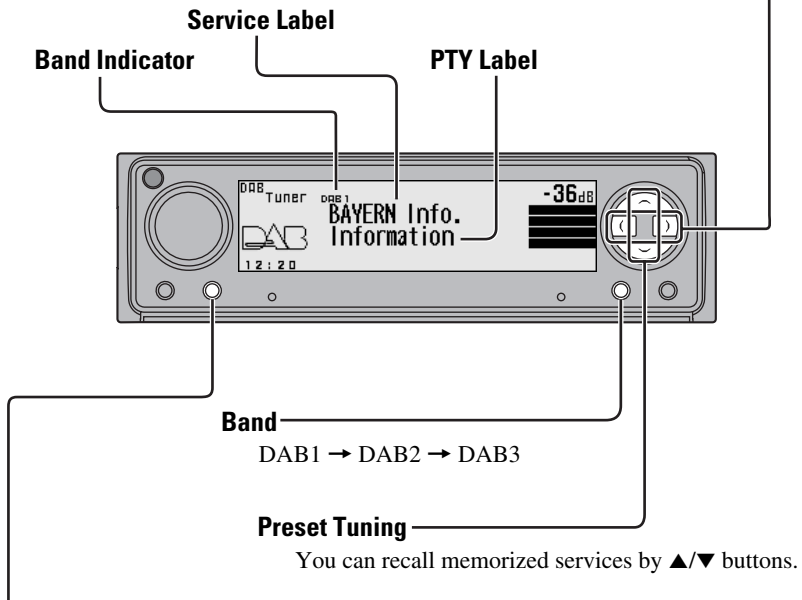
When you first switch to DAB, Auto Seek is performed to find a DAB Ensemble.

(Auto Seek is also performed in the same way each time you switch bands.)

Once Ensemble is received, Auto Seek ends.

Select a desired Service	0.5 seconds or less
Tune to a high or low frequency (Ensemble)	0.5 seconds or more*

\* By pressing the same button, search stops and the unit switches to standby for reception of that Ensemble frequency.



### Changing the Display

Each press of the DISPLAY button changes the display in the following order:

- Service Label   ▶   Service Label   ▶   Service Label   ▶   Dynamic Label  
PTY Label       ▶   Service Component Label   ▶   Ensemble Label   ▶

## Operation at the DAB Tuner Setting Screen

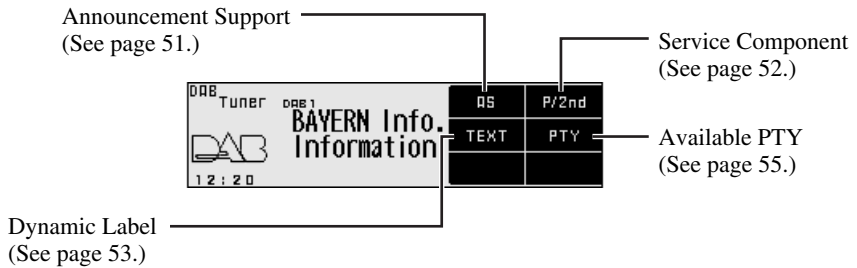
### Accessing the DAB Tuner Setting Screen

**1. Open the cover of the remote controller.**

This switches to the DAB Tuner Setting Screen.

**2. Select the function by pressing the FUNCTION buttons 1–4.**

#### ■ DAB Tuner Setting Screen



**Note:**

- When you connected GEX-P900DAB (II) to this product, operable functions are different. For more details, refer to GEX-P900DAB (II) operation manual.

### Exit from the DAB Tuner Setting Screen

- **To return to DAB Tuner Screen, close the cover of the remote controller.**

### Service Follow

If reception of the selected Service worsens, this automatically searches for other Ensemble supporting the same Service. Depending on conditions, an Ensemble supporting Alarm and Road Traffic Flash is received.

## Operating Each function

### Switching to the Preset Tuning Screen

- Press the **SHIFT** button on **DAB Tuner Setting Screen**.

This switches to Preset Tuning Screen and enables to preset the stations.



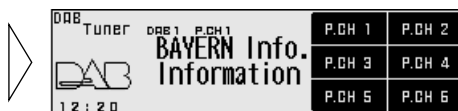
- To return to **DAB Tuner Setting Screen**, press the **SHIFT** button again.

### Preset Tuning

You can memorize services in **FUNCTION** button 1 through 6 for easy, one-touch station recall.

#### ■ Broadcast station preset memory

- Press the **FUNCTION** button 1 through 6 for two seconds on **Preset Tuning Screen** to memorize the services in corresponding buttons.



#### ■ Preset broadcast station recall

- Press the **FUNCTION** button 1 through 6 on **Preset Tuning Screen** to recall the services memorized in corresponding buttons.



#### Note:

- Up to 18 services can be stored in memory.

## Announcement Support function

Even when listening to non-DAB sources, the Announcement Support function lets you automatically listen to set Announcement Support. When the interrupting announcement ends, play returns to the original source.

When listening to a DAB broadcast, you can switch setting for announcement interruption ON/OFF, except for Alarm announcements. Switching between Announcements is as follows:

### Announcement that is always ON:

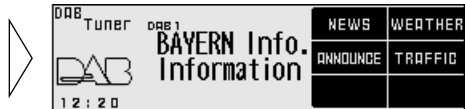
- Alarm (Alarm)

### Announcements operated with DAB Tuner Setting Screen:

- News Flash (News)
- Warning/Service (Warning)
- Special Event (Special Event)
- Sports (Sports)
- Road Traffic Flash (Traffic)
- Weather Flash (Weather)
- Event Announcement (Event)
- Finance (Finance)
- Information (Information)
- Transport Flash (Transport)

1. Press the **FUNCTION button 1** on **DAB Tuner Setting Screen** switches the **Announcement Support setting screen.**

2. Select the announcement by pressing the **FUNCTION buttons 1–4.**



FUNCTION button 1 : “NEWS” (News) ON/OFF

FUNCTION button 2 : “WEATHER” (Weather) ON/OFF

FUNCTION button 3 : “ANNOUNCE” (Announce) ON/OFF

FUNCTION button 4 : “TRAFFIC” (Traffic) ON/OFF

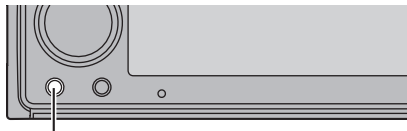
### Note:

- When “NEWS”, “WEATHER”, “ANNOUNCE” or “TRAFFIC” is displayed, it indicates that Announcement Support is provided by the current Service Component.
  - When the initial of each Announcement indicator is displayed, it indicates that you have selected the Announcement Support. (e.g. “N” in “NEWS”.)
  - When “▶” is displayed on the left side of indicator, it indicates that Announcement corresponding to the Announcement Support you have selected is supported by the current Service Component.
  - When “ANNOUNCE” is ON, “Warning/Service”, “Event Announcement”, “Special Event”, “Finance”, “Sports” and “Information” are also switched ON.
  - When “TRAFFIC” is ON, “Road Traffic Flash” and “Transport Flash” in Traffic Announcement are also switched ON.
- **To return to DAB Tuner Setting Screen, press the RETURN button.**

## ■ Switching Interrupting Announcements

When there are multiple Announcements in standby waiting to interrupt, and you are listening to an Announcement, you can switch between them in order.

- **Switch to the next Announcement.**



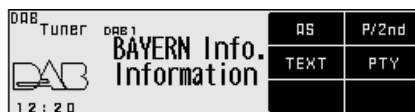
Each press changes the Announcement ...

Each time you press the SOURCE button, you move to the next Announcement. When there are no more Announcements, you return to the original one.

## Service Component function

If the currently received Service has a Secondary Service Component (“EXTRA” lights), Service Component switching is possible.

- **Press the FUNCTION button 2 on DAB Tuner Setting Screen switches the Service Component.**



## Dynamic Label function

Dynamic Label provides character information concerning the Service Component you're currently listening to. You can scroll the displayed information.

### Note:

- When Dynamic Label is received, the "TEXT" indicator lights.
- The tuner automatically memorizes the three latest Dynamic Label received, replacing text from the least recent reception with new text when it is received.
- You can store data from up to six Dynamic Label transmissions in FUNCTION buttons 1–6.

## ■ Dynamic Label Display

1. Press the **FUNCTION button 3** on DAB Tuner Setting Screen switches the Dynamic Label display.



### Note:

- When no Dynamic Label is currently being received, "NO TEXT" is displayed.

2. Recalling the three latest Dynamic Label broadcasts from the tuner's memory with the **◀/▶** buttons.



Pressing the button switches between the four Dynamic Label data displays.

### Note:

- If there is no Dynamic Label data stored in the tuner, this button does not operate.

3. Scroll the Dynamic Label with the **▼** button.

### Note:

- When viewing Dynamic Label, do not operate until you have parked your car safely.
- If you press the **▲** button, you return to the first line.
- If you select the Dynamic Label mode again after having canceled it, the information may switch to the latest available.
- You can also view the Dynamic Label by pressing the DISPLAY button. In this case, the headline of the data that is currently displayed is always updated. For more details, refer to "Changing the Display" on page 48.

## ■ Storing Dynamic Label in Memory

1. Perform “Dynamic Label Display” steps 1 and 2, and then select the Dynamic Label you want to store in memory.
2. Press the FUNCTION button 1 through 6 for two seconds to memorize the Dynamic Label in corresponding buttons (e.g. Press the FUNCTION button 4 for two seconds).



## ■ Recalling Preset Dynamic Label

1. Switch to the Dynamic Label display.
2. Press the FUNCTION button 1 through 6 to recall the Dynamic Label memorized in corresponding buttons (e.g. Press the FUNCTION button 4).



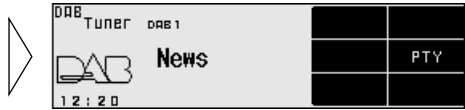
- To return to DAB Tuner Setting Screen, press the RETURN button.

## Available PTY function

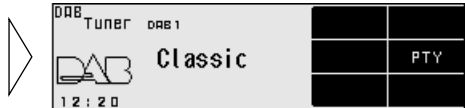
Lists of PTY that is in the Current Ensemble can be displayed. You can select the desired PTY from the list.

### ■ Searching the PTY

1. Press the **FUNCTION** button 4 on DAB Tuner Setting Screen switches the PTY search setting display.



2. Select one from among PTY with the ◀/▶ buttons.



3. Press the ▲ button starts the PTY search.



DAB receives the desired PTY Service.

### ■ Canceling the PTY Search Setting mode

- To cancel the PTY Search Setting mode part way through, press the **FUNCTION** button 4.



## PTY List

<b>Display</b>	<b>Details</b>
News	News.
Weather	Weather reports/Meteorological information.
Affairs	Current affairs.
Sport	Sports programs.
Finance	Stock market reports, commerce, trading etc.
Inf	General information and advice.
Pop Mus	Popular music.
Rock Mus	Contemporary modern music.
Easy Mus	Easy listening music.
Jazz	Jazz music based programs.
Oldies	Oldies music, 'Golden age' based programs.
Folk Mus	Folk music based programs.
Country	Country music based programs.
Nat Mus	National music based programs.
Oth Mus	Other types of music, which can't be categorized.
L. Class	Light classical music.
Classic	Serious classical music.
Phone In	Phone in based programs.
Drama	All radio plays and serials.
Document	Documentary programs.
Varied	Light entertainment programs.
Children	Children's programs.
Touring	Travel programs, not for announcements about traffic problem.
Leisure	Programs about hobbies and recreational activities.
Culture	Programs concerned with any aspect of national or regional culture.
Religion	Religion affairs programs or services.
Educate	Educational programs.
Science	Programs about nature, science and technology.
Social	Social affairs programs.

## Basic Operation of TV Tuner

This product can control a TV Tuner (sold separately).

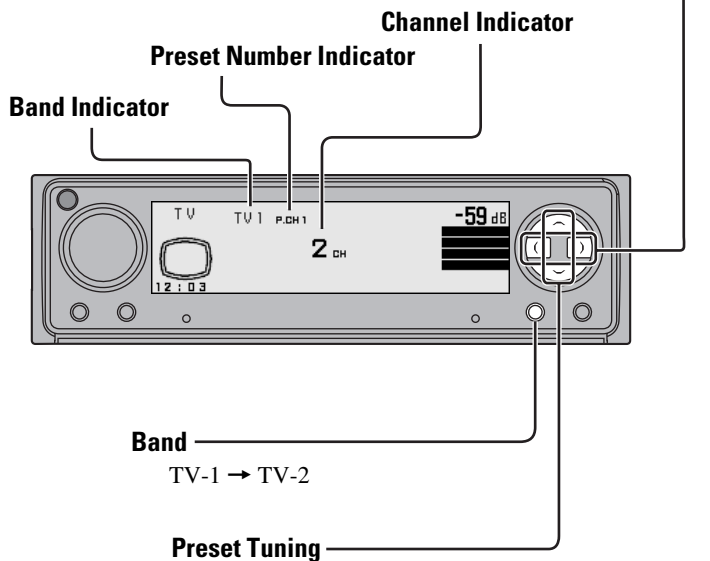
### Manual and Seek Tuning

- You can select the tuning method by changing the length of time you press the ◀▶ button.

Manual Tuning (step by step)	0.5 seconds or less
Seek Tuning	0.5 seconds or more

#### Note:

- If you continue pressing the button for longer than 0.5 seconds, you can skip broadcast stations. Seek Tuning starts as soon as you release the button.



You can recall memorized stations by ▲/▼ buttons.

## Operation at the TV Tuner Setting Screen

### Accessing the TV Tuner Setting Screen

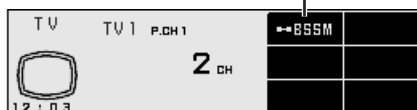
**1. Open the cover of the remote controller.**

This switches to the TV Tuner Setting Screen.

**2. Select the function by pressing the FUNCTION button 1.**

#### ■ TV Tuner Setting Screen

Best Stations Sequential Memory  
(See page 59.)



### Exit from the TV Tuner Setting Screen

- To return to TV Tuner Screen, close the cover of the remote controller.

## Operating Each function

### Best Stations Sequential Memory

The BSSM (Best Stations Sequential Memory) function automatically memorizes strongly transmitted broadcast stations in order from the lowest channel up.

- Press the **FUNCTION** button 1 for two seconds on TV Tuner Setting Screen switches the Best Stations Sequential Memory (BSSM) ON.



- To cancel the process, press the **FUNCTION** button 1 again before memorization is complete.

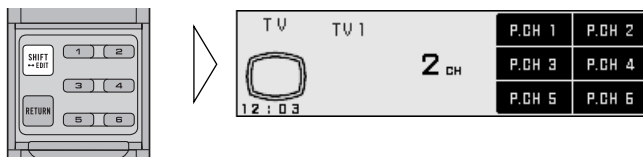
#### Note:

- Up to 6 stations can be memorized in one Band.
- In regions where reception of less than 6 station is possible, previously memorized stations may remain in memory.

## Switching to the Preset Tuning Screen

- Press the **SHIFT** button on TV Tuner Setting Screen.

This switches to Preset Tuning Screen and enables to preset the stations.



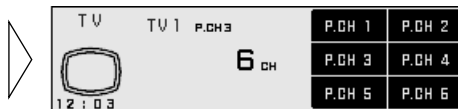
- To return to TV Tuner Setting Screen, press the **SHIFT** button again.

## Preset Tuning

You can memorize broadcast stations in FUNCTION button 1 through 6 for easy, one-touch station recall.

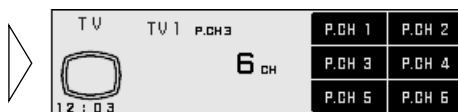
### ■ Broadcast station preset memory

- Press the **FUNCTION** button 1 through 6 for two seconds on Preset Tuning Screen to memorize the broadcast stations in corresponding buttons.



### ■ Preset broadcast station recall

- Press the **FUNCTION** button 1 through 6 on Preset Tuning Screen to recall the broadcast stations memorized in corresponding buttons.

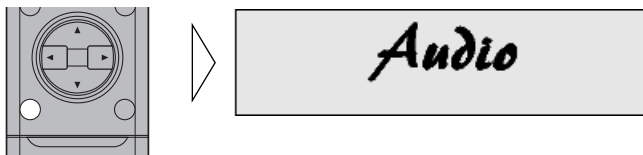


### Note:

- Up to 12 stations (6 in TV1 and TV2) can be stored in memory.

## Switching to the Audio Adjustment Screen

- Press the MENU button and select the Audio Adjustment Screen (Audio).



After the title screen, the display switches to the operations screen of the Audio Adjustment Screen. Opening and closing the cover of the remote controller (refer to page 6) switches between the open and closed states of the menu display and Adjustment Screen.

### Note:

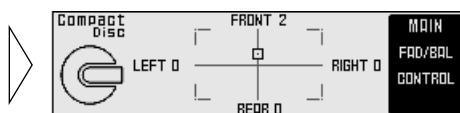
- ▲/▼/◀▶ buttons on the head unit can not be used in the Audio Adjustment operation.
- To cancel the Audio Adjustment, press the BAND button.

## Fader/Balance Adjustment

This function allows you to select a fader/balance setting that provides ideal listening conditions in all occupied seats. This function can be operated with the remote controller cover closed.

1. Close the cover of the remote controller on Audio Adjustment Screen (refer to page 6).

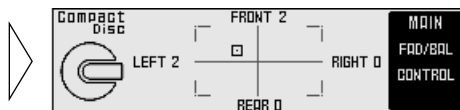
2. Adjust front/rear speaker balance with the ▲/▼ buttons.



### Note:

- In the front-speaker-oriented system, if the fader is set to rear, whole sound volume is attenuated.

3. Adjust left/right speaker balance with the ◀▶ buttons.



## Bass/Treble Adjustment

It is possible to adjust a frequency that becomes the reference when adjusting the bass/treble tone. The frequencies and level adjustment ranges from which selections may be made are as follows:

Bass : 100 Hz

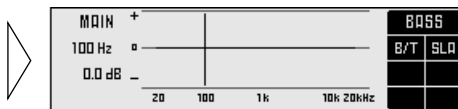
Treble: 10 kHz

Level adjustment range: -8 dB — +8 dB (2 dB/1 step)

### 1. Open the cover of the remote controller on Audio Adjustment Screen (refer to page 6).

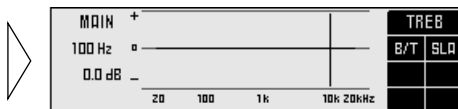
### 2. Press the FUNCTION button 1.

The display switches to Bass/Treble Adjustment Screen.

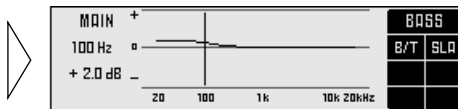


### 3. Press the FUNCTION button 1 again to choose bass (BASS) or treble (TREB).

Pressing the button switches bass/treble.



### 4. Press the ▲/▼ buttons and adjust the level.



#### Note:

- Raising the Bass/Treble level too high may result in distortion.  
Perform Bass/Treble Adjustment to adjust overall sound quality.

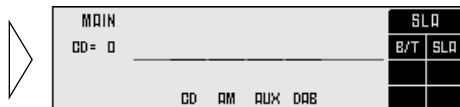
## Source Level Adjustment

The SLA (Source Level Adjustment) function prevents radical leaps in volume level when switching between sources. Settings are based on the FM volume level, which remains unchanged.

1. Compare the FM volume with the volume of the other source.  
(e.g. Built-in CD player)
2. Press the MENU button to switch to the Audio Adjustment Screen.
3. Open the cover of the remote controller.

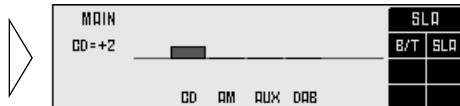
4. Press FUNCTION button 2 switches to SLA mode.

The display switches to SLA Adjustment screen.



5. Increase or decrease the level with the ▲/▼ buttons.

The display shows "+4" — "-4".



### Note:

- Since the FM volume is the control, SLA is not possible in the FM modes.
- The AM volume level, which is different from the FM base setting volume level, can also be adjusted similar to sources other than tuner.
- The Built-in CD player, Multi-CD player and DVD player are set to the same volume adjustment setting automatically.
- AUX, External 1 and External 2 are set to the same volume adjustment setting automatically.

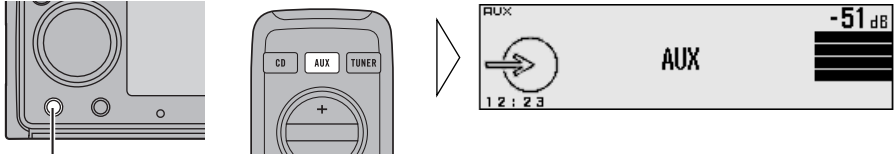


## Using the AUX Source

An IP-BUS-RCA Interconnector such as CD-RB20 or CD-RB10 (sold separately) enables you to connect this product to auxiliary equipment featuring an RCA output. For more details, refer to the IP-BUS-RCA Interconnector's Owner's Manual.

### Selecting the AUX Source

- **Select AUX. (Refer to page 23.)**



Each press changes the Source ...

### AUX Title Input

The display title for AUX Source can be changed.

- 1. Open the cover of the remote controller.**

This switches to AUX setting screen.

- 2. Press the SHIFT button for two seconds on the AUX setting screen.**



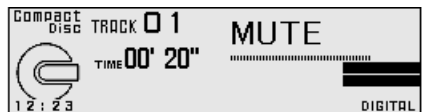
- 3. Input the AUX Title.**

Refer to "Disc Title Input" on page 40, and perform procedures 3 to 6 in the same way.

## Cellular Telephone Muting

Sound from this system is muted automatically when a call is made or received using a cellular telephone connected to this product.

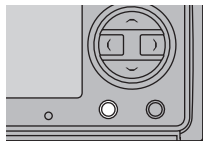
- The sound is turned off, "MUTE" is displayed and no audio adjustment is possible. Operation returns to normal when the phone connection is ended.



### **Turn OFF the Display Indication**

You can turn off the display indication. If you press any button while the display indication is off, it will light up for 5 seconds and then turn off again.

- **Press the BAND button for two seconds switches the display indication ON/OFF.**



**Note:**

- While the display indication is turning off, DISPLAY OFF indicator lights up (refer to page 5).

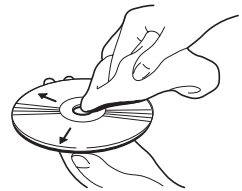
## Precaution

- Play only CDs bearing the Compact Disc Digital Audio mark. (If a CD features the top right mark on its disc title side, that disc is a CD TEXT disc. There are also some CD TEXT discs that do not feature the top right mark.)
- This product is designed for use with conventional, fully circular CDs only. Use of shaped CDs are not recommended for this product.



- Check all CDs before playing and discard cracked, scratched or warped discs.
- Normal playback of CD-R/CD-RW discs other than those recorded with a music CD recorder may not be possible.
- Playback of music CD-R/CD-RW discs, even those recorded with a music CD recorder, may not be possible with this product due to disc characteristics or scratches or dirt on the disc. Dirt or condensation on the lens inside this product may also prevent playback.
- Titles and other text information recorded on a CD-R/CD-RW disc may not be displayed by this product.
- This product conforms to the track skip function of the CD-R/CD-RW disc. The tracks containing the track skip information are skipped over automatically.
- If you insert a CD-RW disc into this product, time to playback will be longer than when you insert a conventional CD or CD-R disc.
- Read the precautions with the CD-R/CD-RW discs before using.
- Wipe dirty or damp discs outward from the center with a soft cloth.

- Avoid touching the recorded (iridescent) surface when handling discs.
- Store discs in their cases when not in use.
- Keep discs out of direct sunlight and high temperatures.
- Do not affix labels or apply chemicals to discs.
- Condensation may collect inside the player when using the heater in cold weather, interfering with playback. Turn it off for an hour or so and wipe damp discs with a soft cloth.
- Road shocks may interrupt CD playback.



### **Built-in CD Player's Error Message**

When problems occur with CD playback, an error message appears on the display. Refer to the table below to identify the problem, then take the suggested corrective action. If the error persists, contact your dealer or your nearest PIONEER Service Center.

<b>Message</b>	<b>Possible cause</b>	<b>Recommended action</b>
ERROR- 11, 12, 17, 30	Dirty disc.	Clean the disc.
ERROR- 11, 12, 17, 30	Scratched disc.	Replace the disc.
ERROR- 14	Unrecorded CD.	Check the disc.
ERROR- 10, 11, 12, 14, 17, 30, A0	Electrical or mechanical problem.	Turn the ignition ON and OFF, or switch to a different source, then back to the CD player.
ERROR- 44	All tracks are setting track skip.	Replace the disc.
HEAT	CD player overheating.	Discontinue play until the machine temperature drops.



# Connecting the Units

## Note:

- This unit is for vehicles with a 12-volt battery and negative grounding. Before installing it in a recreational vehicle, truck, or bus, check the battery voltage.
  - To avoid shorts in the electrical system, be sure to disconnect the  $\ominus$  battery cable before beginning installation.
  - Refer to the owner's manual for details on connecting the power amp and other units, then make connections correctly.
  - Secure the wiring with cable clamps or adhesive tape. To protect the wiring, wrap adhesive tape around them where they lie against metal parts.
  - Route and secure all wiring so it cannot touch any moving parts, such as the gear shift, handbrake, and seat rails. Do not route wiring in places that get hot, such as near the heater outlet. If the insulation of the wiring melts or gets torn, there is a danger of the wiring short-circuiting to the vehicle body.
  - Don't pass the yellow lead through a hole into the engine compartment to connect to the battery. This will damage the lead insulation and cause a very dangerous short.
  - Do not shorten any leads. If you do, the protection circuit may fail to work when it should.
  - Never feed power to other equipment by cutting the insulation of the power supply lead of the unit and tapping into the lead. The current capacity of the lead will be exceeded, causing overheating.
  - When replacing a fuse, be sure to use only fuses of the rating prescribed on the fuse holder.
  - The black lead is ground. Please ground this lead separately from the ground of high-current products such as power amps.
- If you ground the products together and the ground becomes detached, there is a risk of damage to the products or fire.
- If the RCA pin jack on the unit will not be used, do not remove the caps attached to the end of the connector.
  - When this product's source is switched ON, a control signal is output through the blue/white lead. Connect to an external power amp's system remote control or the car's Auto-antenna relay control terminal (max. 300 mA 12 V DC). If the car features a glass antenna, connect to the antenna booster power supply terminal.

- When an external power amp is being used with this system, be sure not to connect the blue/white lead to the amp's power terminal. Likewise, do not connect the blue/white lead to the power terminal of the auto-antenna. Such connection could cause excessive current drain and malfunction.
- To prevent incorrect connection, the input side of the IP-BUS connector and Optical connector is blue, and the output side is black. Connect the connectors of the same colors correctly.
- Connection of this system requires optional optical cables (e.g. CD-AD600) and IP-BUS cables (e.g. CD-IP600). Consult your nearest dealer for more detail.
- Set GPS antenna away from this unit. If you set them too close, it may fail to operate properly.
- An Optional "GEX-P900 DAB(II)" Hide-away DAB tuner cannot be connected without connecting an optional "DEQ-P9" Universal Digital Preamp Equalizer with this unit. If you connect a "GEX-P900 DAB(II)", be sure to use the optional optical cables and IP-BUS cables, and connect between the "DEQ-P9" and this unit.
- **This unit can not be installed in a vehicle that does not have an ACC (accessory) position on the ignition switch. (Fig. 1)**

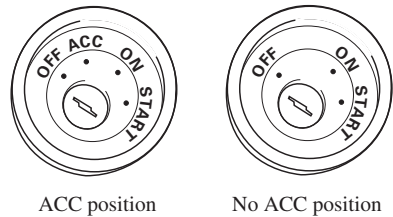


Fig. 1

- Cords for this product and those for other products may be different colors even if they have the same function. When connecting this product to another product, refer to the supplied Installation manuals of both products and connect cords that have the same function.

## Setting Examples

### Connecting without Audio Unit (DEQ-P9)

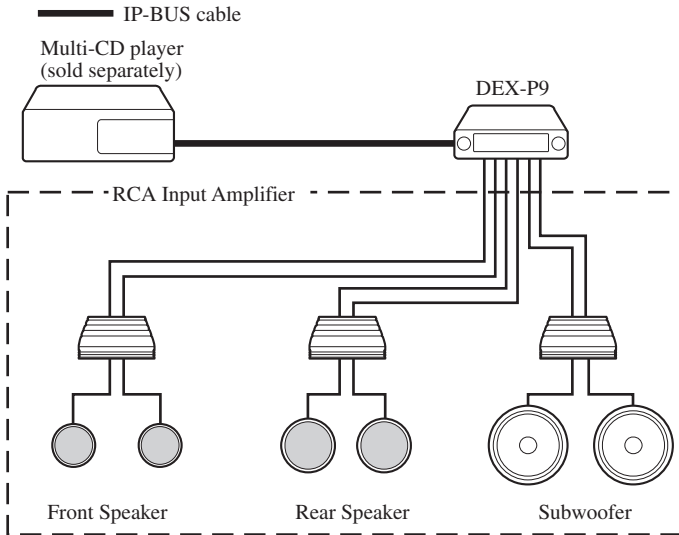


Fig. 2

### Connecting with Audio Unit (DEQ-P9)

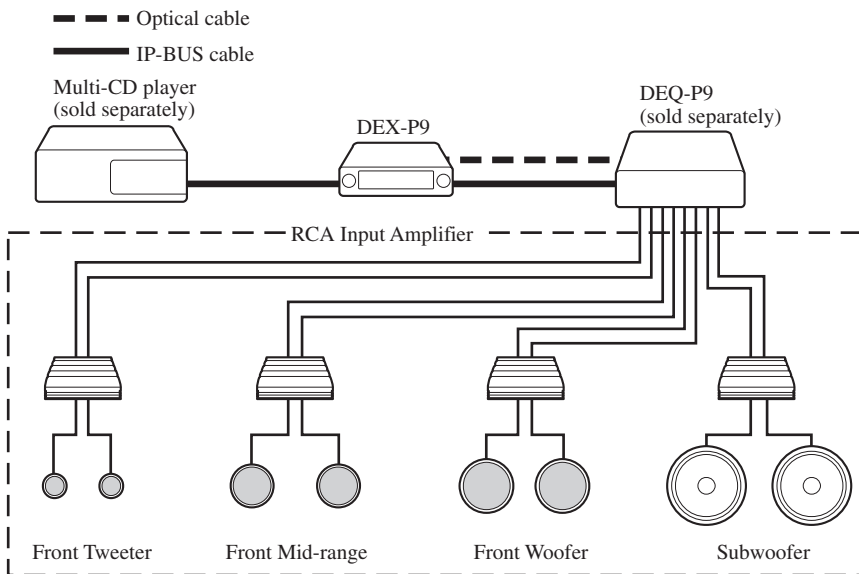
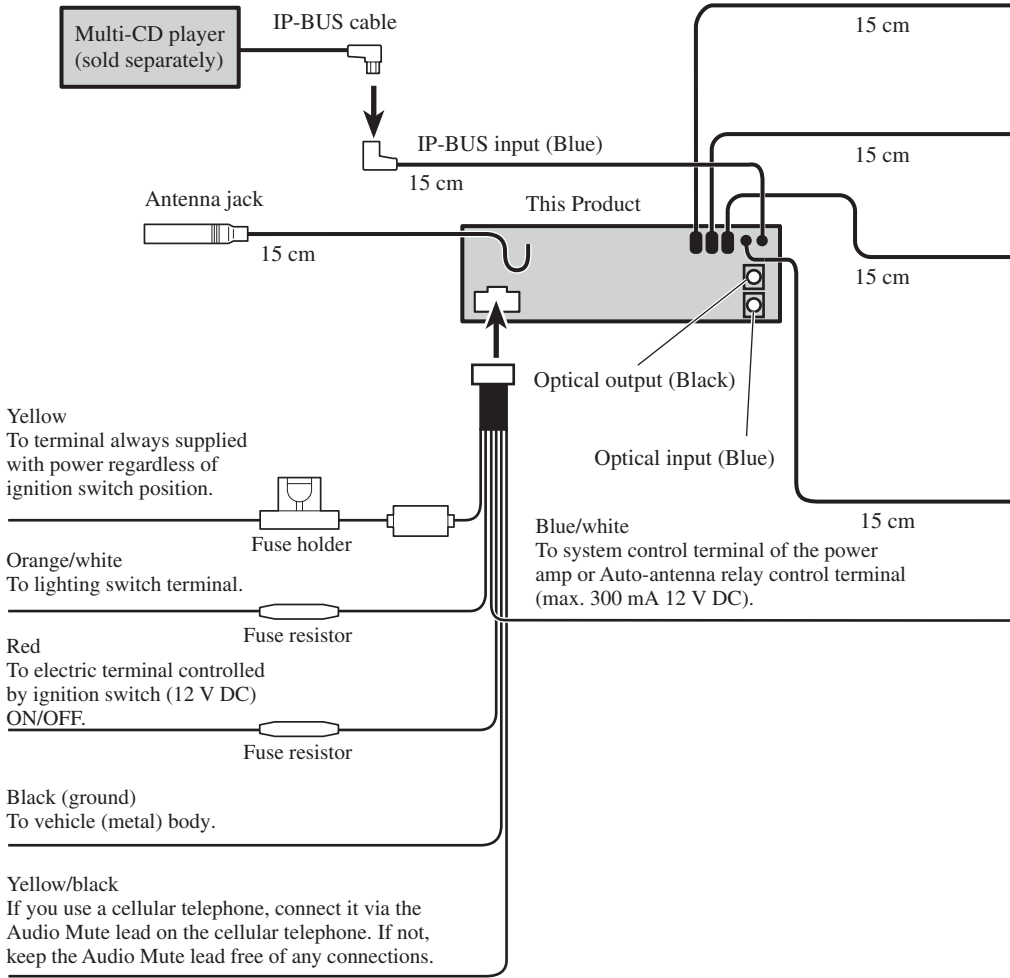


Fig. 3 70

# Connecting the Units

## Connecting without Audio Unit (DEQ-P9)





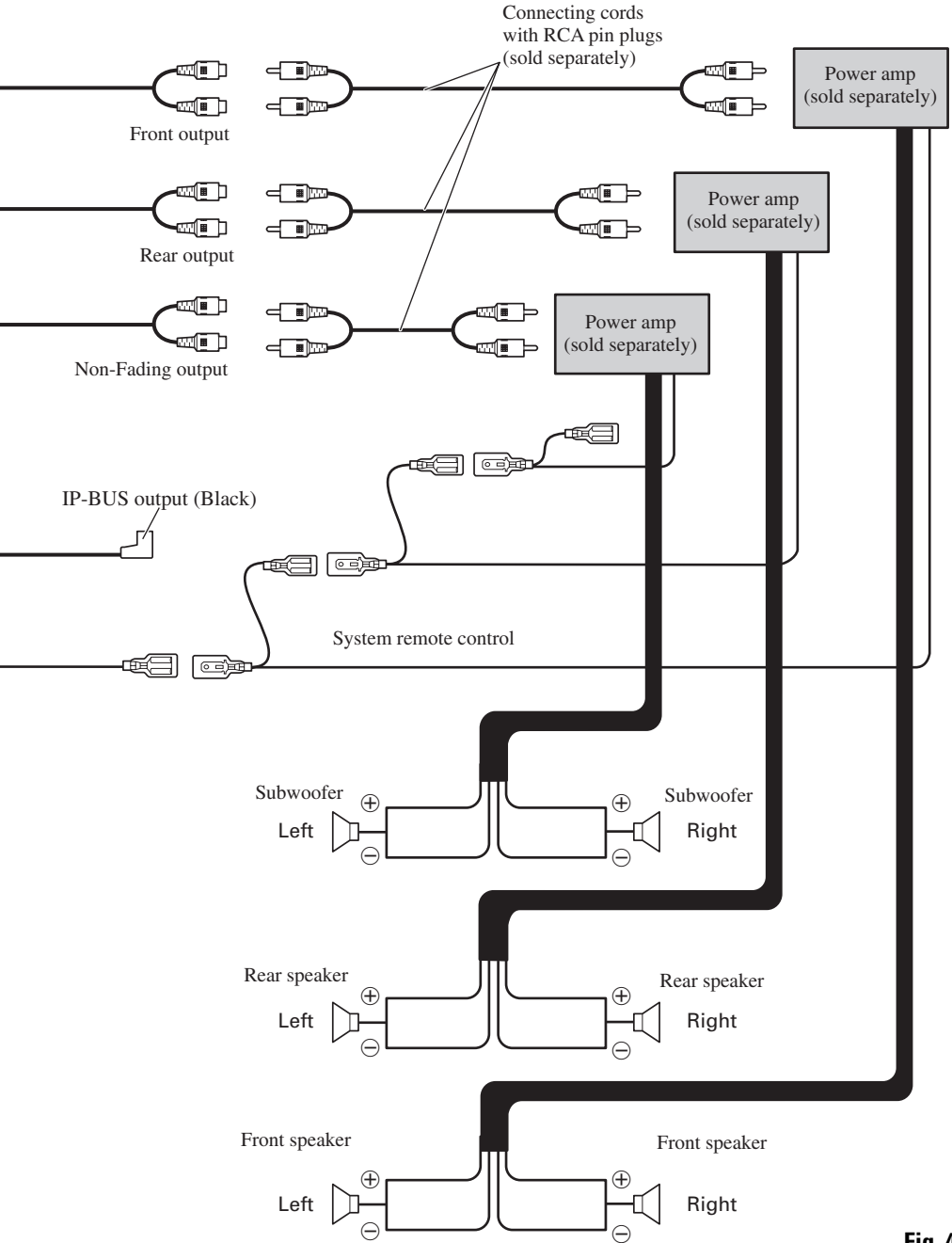
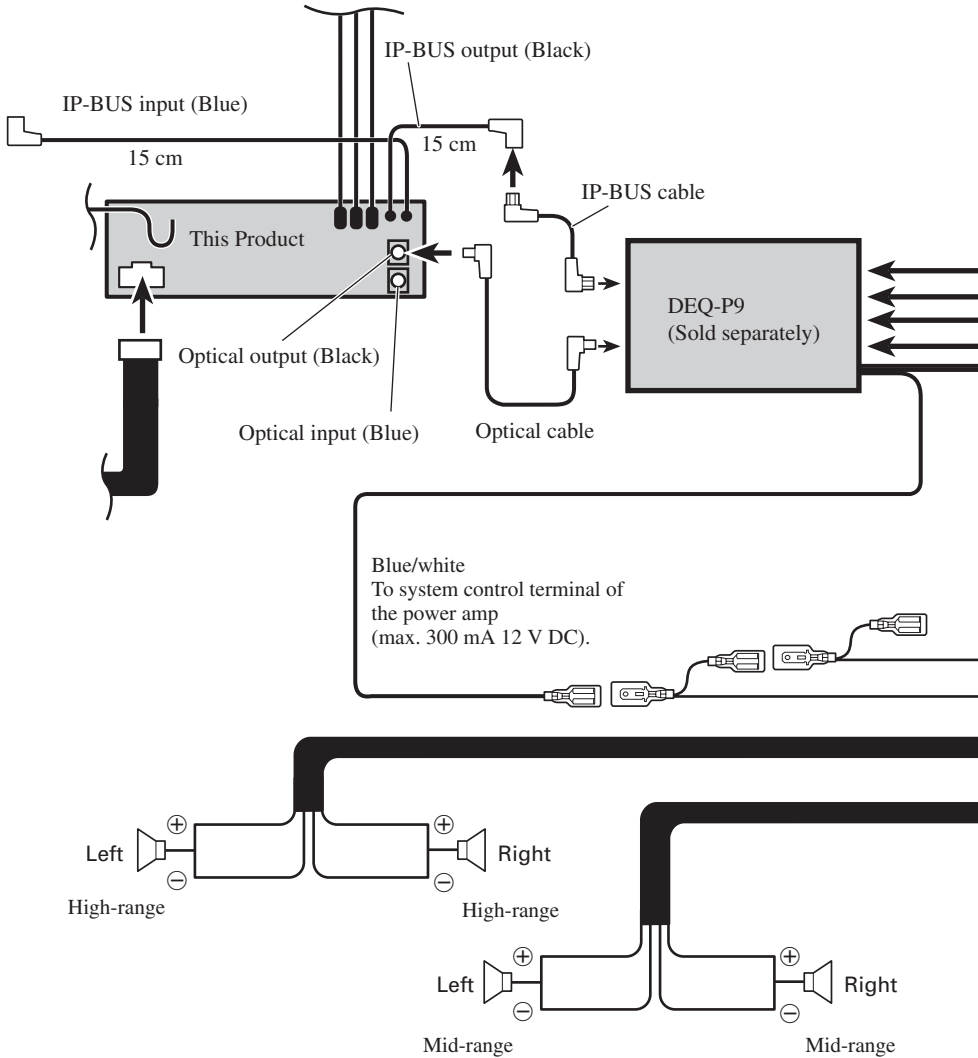


Fig. 4

## Connecting with Audio Unit (DEQ-P9)



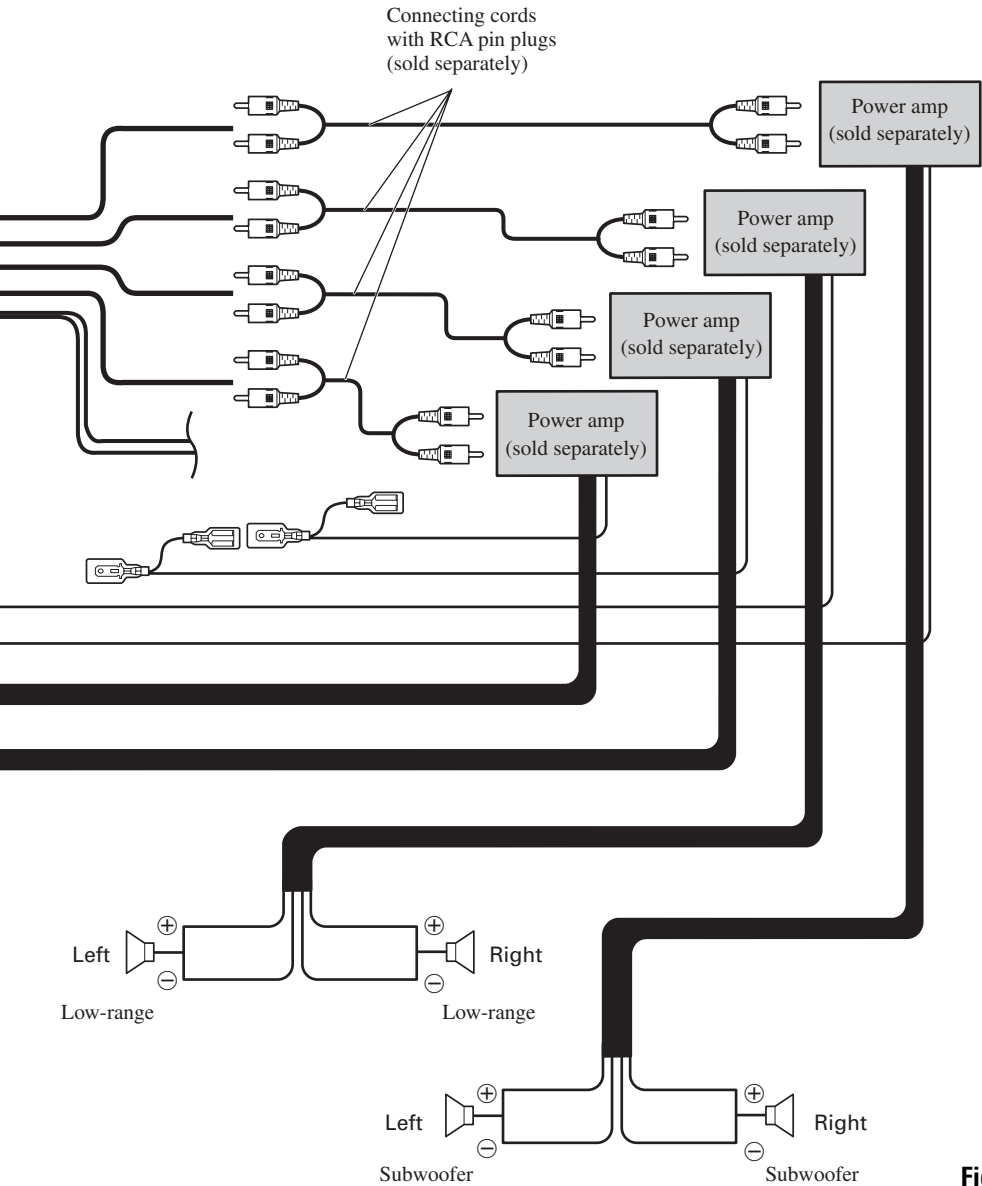
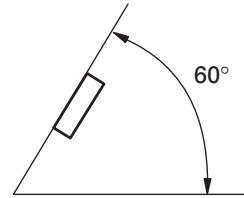


Fig. 5

## Note:

- Before finally installing the unit, connect the wiring temporarily, making sure it is all connected up properly, and the unit and the system work properly.
- Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.
- Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.
- Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.
- The semiconductor laser will be damaged if it overheats, so don't install the unit anywhere hot — for instance, near a heater outlet.

- If installation angle exceeds 60° from horizontal, the unit might not give its optimum performance. (Fig. 6)



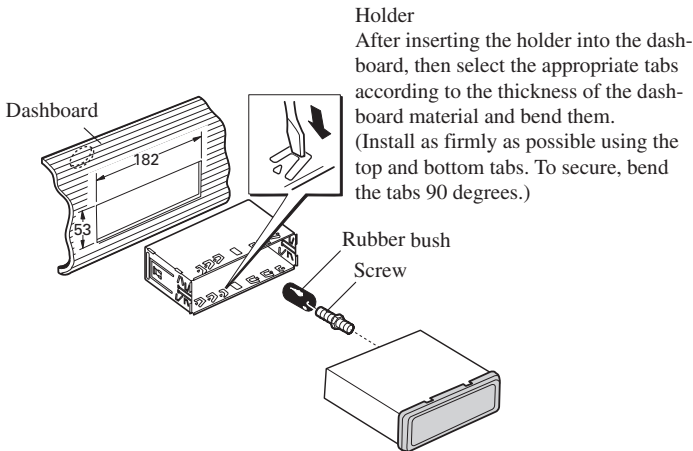
**Fig. 6**

## DIN Front/Rear-mount

This unit can be properly installed either from “Front” (conventional DIN Front-mount) or “Rear” (DIN Rear-mount installation, utilizing threaded screw holes at the sides of unit chassis). For details, refer to the following illustrated installation methods.

## DIN Front-mount

### Installation with the rubber bush (Fig. 7)



**Fig. 7**

## Installation without the rubber bush (Fig. 8)

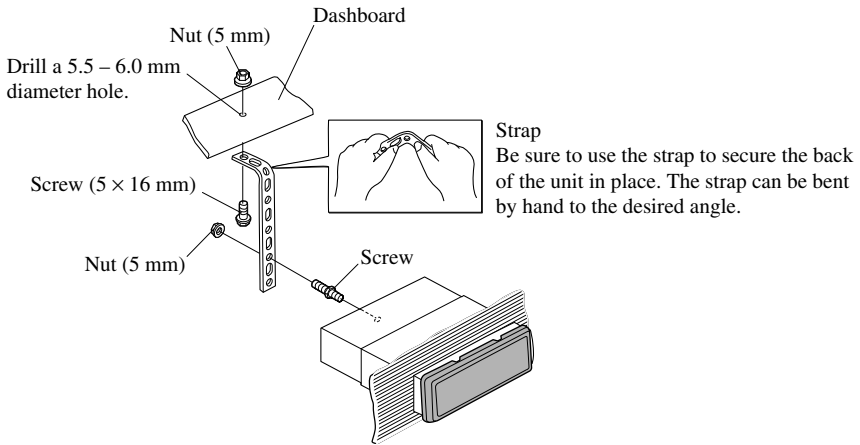


Fig. 8

## Removing the Unit (Fig. 9) (Fig. 10)

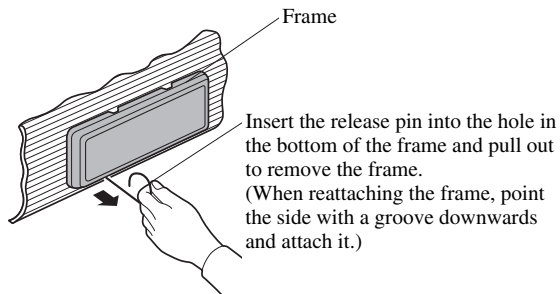


Fig. 9

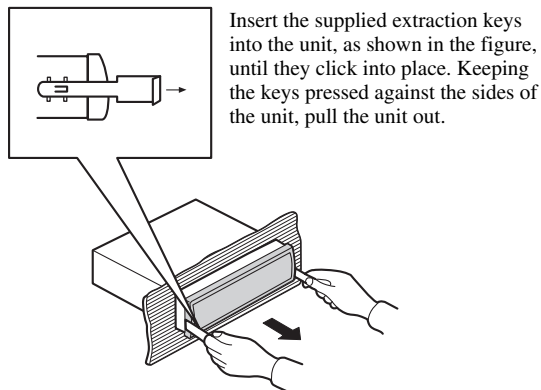


Fig. 10

## DIN Rear-mount

### Installation using the screw holes on the side of the unit

#### 1. Remove the frame. (Fig. 11)

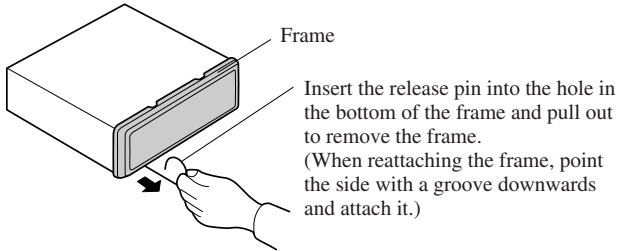


Fig. 11

#### 2. Fastening the unit to the factory radio mounting bracket. (Fig. 12) (Fig. 13)

Select a position where the screw holes of the bracket and the screw holes of the head unit become aligned (are fitted), and tighten the screws at 2 places on each side. Use either binding screws (5 × 6 mm) or flush surface screws (5 × 6 mm), depending on the shape of the screw holes in the bracket.

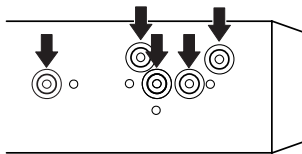


Fig. 12

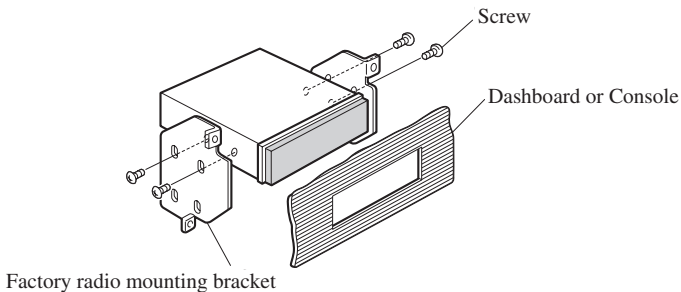
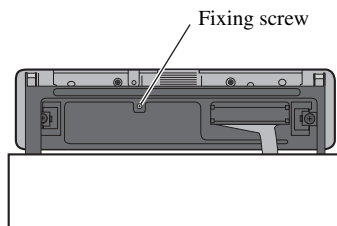


Fig. 13

## About the fixing screws for the front panel

If you do not operate the Detaching and Replacing the Front Panel Function, use the supplied fixing screws and fix the front panel to this unit.



**Fig. 14**

# Installing the Remote Control Unit

## Fitting the Remote Control Unit

### Precaution:

- Press the remote controller unit onto the mounting base until it clicks into place.

### Fitting horizontally

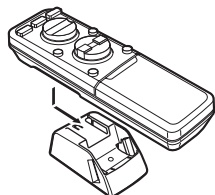


Fig. 15

### Fitting vertically

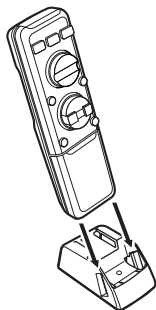


Fig. 16

### Note:

- If the remote controller is installed vertically, you can not open the remote controller cover.

## Installation Using Only the Mounting Base

### Precaution:

- To avoid it being a hindrance to driving, always install the remote control unit to the passenger's side — not the driver's side.
- Before using double-sided tape, clean off any dirt on the surface to which the double-sided tape is to be attached.

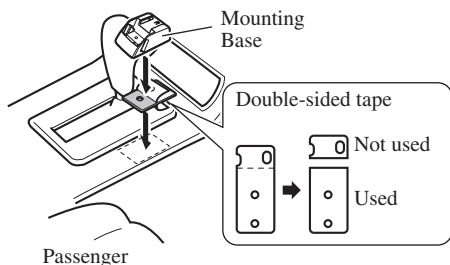


Fig. 17



## Installation Using the Mounting Base and the Bracket

### Precaution:

- To avoid it being a hindrance to driving, always install the remote control unit to the passenger's side – not the driver's side.
- Install the mounting base so that the remote control unit is slanting upwards at an angle when fitted.
- Before using double-sided tape, clean off any dirt on the surface to which the double-sided tape is to be attached.
- Before drilling any mounting holes, confirm that the screws will not interfere with any of the cars operating systems (such as the fuel line, brake lines, electrical wiring, etc.).

### Method A

This example is for when the console is wide enough to have installation space for the mounting base.

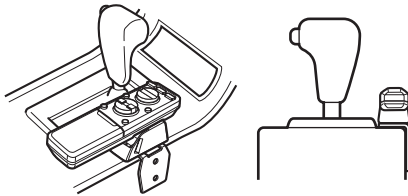


Fig. 18

### Method B

This example is for when the console is not wide enough to have installation space for the mounting base.

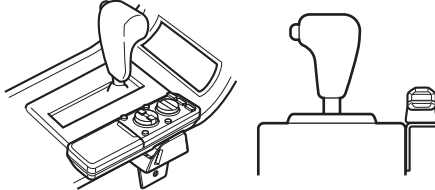


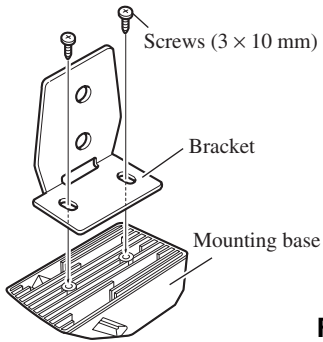
Fig. 19

### Note:

- Install the mounting base in such a way that it will not hit the seat when the seat is adjusted.

# Installing the Remote Control Unit

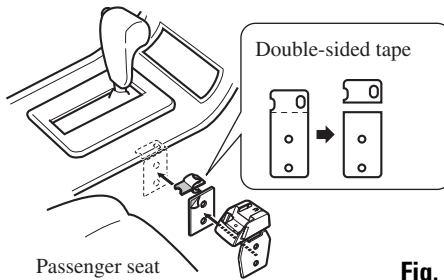
## 1. Install the bracket to the mounting base.



**Fig. 20**

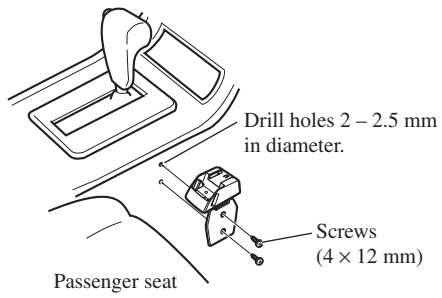
## 2. Install the mounting base to the vehicle.

**Fig. 1: Installation with double-sided tape.**



**Fig. 21**

**Fig. 2: Installation with the screws.**



**Fig. 22**

# Specifications

## General

Power source	14.4 V DC (10.8 – 15.1 V allowable)
Grounding system	Negative type
Max. current consumption	4.0 A
Dimensions	
(DIN)	
(chassis)	178 (W) × 50 (H) × 160 (D) mm [7 (W) × 2 (H) × 6 – 1/4 (D) in.]
(nose)	188 (W) × 58 (H) × 20 (D) mm [7 – 3/8 (W) × 2 – 1/4 (H) × 3/4 (D) in.]
(D)	
(chassis)	178 (W) × 50 (H) × 165 (D) mm [7 (W) × 2 (H) × 6 – 1/2 (D) in.]
(nose)	170 (W) × 45 (H) × 15 (D) mm [6 – 3/4 (W) × 1 – 3/4 (H) × 5/8 (D) in.]
Weight	1.7 kg (3.7 lbs)
Maximum preout output level	4.0 V
Preout impedance	100 Ω
Tone controls	
(Bass)	
Frequency	100 Hz
Gain	±8 dB
(Treble)	
Frequency	10 kHz
Gain	±8 dB
Digital input	Optical input
Sampling frequency	44.1 – 96 kHz
Digital output	Optical output

## CD player

System	Compact disc audio system
Usable discs	Compact disc
Signal format	Sampling frequency: 44.1 kHz Number of quantization bits: 16; linear
Frequency characteristics	5 – 20,000 Hz (±1 dB)
Signal-to-noise ratio	107 dB (1 kHz) (IHF-A network)
Dynamic range	98 dB (1 kHz)
Number of channel	2 (stereo)

## FM tuner

Frequency range	87.9 – 107.9 MHz
Usable sensitivity	9 dBf (0.8 μV/75 Ω, mono, S/N: 30 dB)
50 dB quieting sensitivity	15 dBf (1.5 μV/75 Ω, mono)
Signal-to-noise ratio	70 dB (IHF-A network)
Distortion	0.3% (at 65 dBf, 1 kHz, stereo)
Frequency response	30 – 15,000 Hz (±3 dB)
Stereo separation	40 dB (at 65 dBf, 1 kHz)
Selectivity	70 dB
Three-signal intermodulation	
(desired signal level)	30dBf
(two undesired signal level)	100 dBf

## AM tuner

Frequency range	530 – 1,710 kHz (10 kHz)
Usable sensitivity	18 μV (S/N: 20 dB)
Selectivity	50 dB (±10 kHz)

### Note:

- Specifications and the design are subject to possible modification without notice due to improvements.









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